The Johns Hopkins University

Conferring of Degrees

At the Close of the

113th Academic Year

May 25, 1989

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Order Of Procession

MARSHALS

Marc D. Donohue
Bruce R. Eicher
Bruce R. Ellingwood
Joseph Hugh Ellis
Lawrence Grossman
John W. Gryder
Lynn Taylor Hebden
Richard A. Macksey
Marion C. Panyan
Charles S. Pearson
Peter B. Petersen
A. J. R. Russell-Wood
Henry M. Seidel
Stella Shiber

THE GRADUATES

*

MARSHALS

Warner E. Love
Moshe Rosen

THE FACULTIES

*

MARSHALS

Carl F. Christ
Charles Roger Westgate

THE DEANS
OFFICERS OF THE UNIVERSITY
THE TRUSTEES

*

CHIEF MARSHAL

I. William Zartman

THE CHAPLAINS
THE PRESENTERS OF THE HONORARY DEGREE CANDIDATES
THE HONORARY DEGREE CANDIDATES
THE PROVOST OF THE UNIVERSITY
THE CHAIRMAN OF THE BOARD OF TRUSTEES
THE PRESIDENT OF THE UNIVERSITY

*

Order Of Events

STEVEN MULLER

President of the University, presiding

* * *

Prelude

Suite from the American Brass Band Journal
G.W.E. Friederich (1821-1885)

Suite from Funff—stimmigte blasenda Music
Johann Pezel (1639-1694)

*

Processional

The audience is requested to stand as the Academic Procession moves into the area and to remain standing after the Invocation

Festival Marches

from "Belshazzar, Flioridante, Ezio,
Saint Cecilia's Day, Rinaldo, Scipione
and Judas Maccabaeus"

Georg Friedrich Handel
(1685-1759)

*

The President's Procession

Fanfare

Walter Piston
(1894-1976)

Grand Entree from "Alceste"

Georg Friedrich Handel
(1685-1759)

*

Invocation

CLYDE R. SHALLENBERGER
Director
The Chaplaincy Service
The Johns Hopkins Hospital

*

The National Anthem

*

Greetings

GEORGE G. RADCLIFFE
Chairman of the Board of Trustees

*

Conferring Of Honorary Degrees

Marilyn Horne
Nafis Sadik
Milton R. Stern
Wan Li

*

Remarks

WAN LI
Chairman, Standing Committee, National People's Congress, PRC

*

The Festival Brass

Ellery B. Woodworth, Conductor

March from the Second Military Suite in F

Gustav Holst
(1874-1934)

*

Conferring Of Honorary Degree

Javier Pérez de Cuéllar

*

Address

JAVIER PÉREZ DE CUÉLLAR
Secretary-General of the United Nations

*

Conferring Of Degrees On Candidates

BACHELORS OF ARTS

Presented by

LLOYD ARMSTRONG, JR.
Dean, School of Arts and Sciences

* * *

BACHELORS OF SCIENCE IN BIOMEDICAL ENGINEERING
BACHELORS OF SCIENCE IN CHEMICAL ENGINEERING
BACHELORS OF SCIENCE IN CIVIL ENGINEERING
BACHELORS OF SCIENCE IN COMPUTER SCIENCE
BACHELORS OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING
BACHELORS OF SCIENCE IN ENGINEERING MECHANICS
BACHELORS OF SCIENCE IN MATERIALS SCIENCE AND ENGINEERING
BACHELORS OF SCIENCE IN MATHEMATICAL SCIENCES
BACHELORS OF ARTS
BACHELORS OF CIVIL ENGINEERING
BACHELORS OF ELECTRICAL ENGINEERING
BACHELORS OF MECHANICAL ENGINEERING

Presented by

V. DAVID VANDELINDE
Dean, G.W.C. Whiting School of Engineering

* * *

PERFORMER'S CERTIFICATES
BACHELORS OF MUSIC

Presented by

ROBERT O. PIERCE
Director, Peabody Conservatory of Music

* * *

BACHELORS OF SCIENCE

Presented by

CAROL J. GRAY
Dean, School of Nursing

* * *

ASSOCIATES OF ARTS
ASSOCIATES OF SCIENCE
BACHELORS OF SCIENCE

Presented by

STANLEY C. GABOR
Dean, School of Continuing Studies

* * *

MASTERS OF SCIENCE
MASTERS OF LIBERAL ARTS
MASTER OF EDUCATION
MASTERS OF ARTS IN TEACHING
MASTERS OF ADMINISTRATIVE SCIENCE
CERTIFICATES OF ADVANCED STUDY

Presented by

STANLEY C. GABOR
Dean, School of Continuing Studies

* * *

MASTERS OF SCIENCE

Presented by

CAROL J. GRAY
Dean, School of Nursing

* * *

MASTERS OF MUSIC
ARTISTS DIPLOMA

Presented by

ROBERT O. PIERCE
Director, Peabody Conservatory of Music

* * *

MASTERS OF SCIENCE
MASTERS OF HEALTH SCIENCE
MASTERS OF PUBLIC HEALTH

Presented by

ANDREW A. SORENSEN
Associate Dean, School of Hygiene and Public Health

* * *

MASTERS OF INTERNATIONAL PUBLIC POLICY
MASTERS OF ARTS IN INTERNATIONAL AFFAIRS
MASTERS OF ARTS

Presented by

GEORGE R. PACKARD
Dean, Paul H. Nitze School of Advanced International Studies

* * *

MASTERS OF ARTS

Presented by

RICHARD S. ROSS
Dean, School of Medicine

* * *

MASTERS OF CHEMICAL ENGINEERING
MASTERS OF CIVIL ENGINEERING
MASTERS OF MATERIALS SCIENCE AND ENGINEERING
MASTERS OF SCIENCE
MASTERS OF SCIENCE IN ENGINEERING
MASTERS OF ARTS

Presented by

V. DAVID VANDELINDE
Dean, G.W.C. Whiting School of Engineering

* * *

MASTERS OF ARTS

Presented by

LLOYD ARMSTRONG, JR.
Dean, School of Arts and Sciences

* * *

DOCTORS OF EDUCATION

Presented by

STANLEY C. GABOR
Dean, School of Continuing Studies

* * *

DOCTORS OF MUSICAL ARTS

Presented by

ROBERT O. PIERCE
Director, Peabody Conservatory of Music

* * *

DOCTORS OF SCIENCE
DOCTORS OF PUBLIC HEALTH
DOCTORS OF PHILOSOPHY

Presented by
ANDREW A. SORENSEN
Associate Dean, School of Hygiene and Public Health

* * *

DOCTORS OF PHILOSOPHY

Presented by

GEORGE R. PACKARD
Dean, Paul H. Nitze School of Advanced International Studies

* * *

DOCTORS OF MEDICINE
DOCTORS OF PHILOSOPHY

Presented by

RICHARD S. ROSS
Dean, School of Medicine

* * *

DOCTORS OF PHILOSOPHY

Presented by

V. DAVID VANDELINDE
Dean, G.W.C. Whiting School of Engineering

* * *

DOCTORS OF PHILOSOPHY

Presented by

LLOYD ARMSTRONG, JR.
Dean, School of Arts and Sciences

* * *

Statement To The Graduates

STEVEN MULLER
President of the University

*

Benediction

GRETCHEN VAN UTT
Chaplain
The Johns Hopkins University

*

Recessional

Trumpet Tune

John Stanley
(1713-1786)

Rondeau

Jean Mouret
(1682-1738)

The audience is requested to remain standing after the Benediction until the principals, officials, members of the faculties, and the graduates have left the area.

Citation Read by
Elaine Bonazzi
in Presenting
Marilyn Horne
for the Degree of Doctor of Humane Letters
May 25, 1989

Gifted artist and musical pioneer, the beauty of your voice and the expressive truth of your interpretations have made you one of the most admired artists of our time. In an international career spanning three decades, you have set a brilliant standard for singers everywhere and for American opera in particular.

Your major American operatic debut in 1960, as Marie in *Wozzeck*, heralded a bright future that has been fulfilled time and time again and has brought you to the pinnacle of operatic achievement. Following a stunning Metropolitan Opera debut in 1970, you went on to triumph at La Scala, Covent Garden, the Lyric Opera of Chicago, and every other leading operatic stage in the world.

For your renditions of lieder, complete operas, operatic arias, and the orchestral repertoire, you have been a frequent Grammy Award winner and nominee, and were awarded the Prix du Disque. Acclaimed by the most exacting of opera publics—the Italian critics—you were named the first recipient of the Rossini Foundation's Golden Plaque Award. Indeed, as one American critic put it, yours is "a gift that exalts the art of singing—and the art of listening, too."

Marilyn Horne, in admiration of your talent and in gratitude for your outstanding contributions to American music, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa.*

Citation Read by
Ronald H. Gray
in Presenting
Nafis Sadik
for the Degree of Doctor of Humane Letters
May 25, 1989

Physician, public health worker, and humanitarian, you have chosen to practice your medical art in an international arena, and the world is the richer.

As executive director of the United Nations Population Fund and undersecretary-general of the UN, you oversee a staff that supports population and family planning programs in more than 147 nations and territories, and you command the largest internationally based budget for family planning purposes, amounting this year to some $200 million. The influence you bring to bear on these issues, which must be counted among the most critical of our time, is of importance to us all.

Your career brought you to Baltimore originally to serve an internship in gynecology and obstetrics at Baltimore City Hospitals, following your medical education at Dow Medical College in Karachi, Pakistan. You also studied in our own School of Hygiene and Public Health, where you were

awarded an International Health Planning Certificate in 1964.

In that same year, you were appointed to the first of a series of health posts by the Pakistan Government, culminating in your service as director-general of the Pakistan Central Family Planning Council. You recognized early the importance of population and family planning programs in improving the quality of life for mothers and children around the world. In 1971, you joined the United Nations, where you became, some fifteen years later, the first woman to head a major agency of that body. You now serve also on the Governing Council of the International Union for the Scientific Study of Population and were elected last year to a fellowship of the Royal College of Obstetricians and Gynecologists in the United Kingdom.

Throughout your distinguished career you have helped to open doors for other women in your field, and your receipt of the 1976 Hugh Moore Award recognized your leadership in that regard as well as your own contributions to the field of family planning. You are admired by your peers as a consummate professional who is able to achieve public health objectives in the face of many obstacles.

Nafis Sadik, in recognition of your tireless efforts to respond to the challenge of population growth and to improve the quality of life for families everywhere, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa.*

Citation Read by
Stanley C. Gabor
in Presenting
Milton Reid Stern
for the Degree of Doctor of Humane Letters
May 25, 1989

Educator, scholar, and, above all, lifelong student, you are admired for your eloquence and enthusiasm, which you have put to the service of higher education for over four decades.

A leading practitioner and philosopher in the field of continuing education, you have, through the force of your personality and vision, provoked discussion of critical issues that brought the field to national prominence and will help it move into the next century prepared, confident, and with a clear sense of purpose.

Part-time adult students—the new majority in higher education—owe their newfound opportunities in large part to you. Your distinguished career in adult education has taken you from New York University to the University of Michigan to the University of California at Berkeley, where you became dean of University Extension in 1971.

And, just as more than a century ago The Johns Hopkins University welcomed an educational pioneer and Renaissance man from Berkeley—Daniel Coit Gilman—today we celebrate the contributions of another from Berkeley whose interests—from Shakespeare to historic preservation, from sea kayaking to education in a multicultural society—attest to his adventurousness in the oceans of California, as well as in the fertile field of ideas.

Milton Reid Stern, in admiration of your impassioned leadership and extraordinary contributions to lifelong learning in higher education, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa.*

Citation Read by
Chih-Yung Chien
in Presenting
Wan Li
for the Degree of Doctor of Humane Letters
May 25, 1989

Revolutionary, educator, and statesman, your long career has been dedicated to the service of the people of the largest nation on earth, and to the extension of their reach to the rest of the globe.

Your extraordinary odyssey to the highest councils of government began with your education in a teacher's school in Qufu, the home of Confucius. Despite the poverty of your family, your mother labored to make your schooling possible, and it was there that you formed your lifelong commitment to bettering the lot of all your people.

A year after you finished your studies, you joined the revolution in China in 1936 and began your quest for a just and prosperous society. For the next thirteen years, you played a variety of important roles in the great historical struggles that gripped your nation. With the formation of the new republic in 1949, you carried out a series of pivotal and challenging assignments and oversaw many reconstruction projects in China after a century of war and destruction. Since then, you have been a pillar of strength for stability and reform. Even during the chaotic era of the Cultural Revolution, you managed to restore the operation of the railroads, providing the crucial infrastructure for China to survive as a nation.

After the Cultural Revolution, you were appointed to head the poverty-stricken Anhui Province. It was there that you introduced the "Household Responsibility System," which freed farmers from unnecessary controls and tied their income to their effort, bringing bumper crops and prosperity to the farms. Yours was a simple policy, but one requiring rare insight and unfailing courage at the time.

Both characteristics have become hallmarks of your leadership. The success of your policies and those of your colleague Zhao Ziyang in Sichuan Province brought about the Agricultural Reform, reviving the rural economy and freeing 800 million Chinese farmers from the threat of hunger. Since then, they have been saying: "If you want more grain, turn to Zhao Ziyang. If you want more rice, turn to Wan Li."

The success of your experiments brought you back to Beijing as vice premier in 1980 to oversee broader reforms in the economy, in education, and in science and technology. China was never the same again. In 1988, you were elected chairman of the Standing Committee of the National People's Congress. As head of the Parliament of the most populous nation in the world, you continue the quest for democratization and modernization.

Your contributions have ranged from urban construction to rural reconstruction, from education to transportation, from modernization to reforestation and, last but not least, from tennis to bridge. Of direct importance to us at Johns Hopkins is your continuing effort in education and international relations. Ten years ago, you brought an Anhui Provincial Delegation to Maryland. Since that visit, your interest in Maryland and Johns Hopkins has remained strong, and your farsightedness and support have been instrumental in the continuing success of the Hopkins-Nanjing Center for Chinese and American Studies at Nanjing University.

Wan Li, your name is translated as "ten thousand miles," and your

vision, courage, and dedication have helped to bring one billion citizens of the world ten thousand miles toward a better life. In recognition of your long record of extraordinary achievements and in gratitude for your contribution to international understanding, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa.*

Citation Read by
Sara Castro-Klarén
in Presenting
Javier Pérez de Cuéllar
for the Degree of Doctor of Humane Letters
May 25, 1989

Lawyer, diplomat, and citizen of the world, you have spent a lifetime in the service of your country and in pursuit of the elusive but vital goal of world peace and understanding.

In seven years as secretary-general of the United Nations, you have reinvigorated that institution with a sense of mission that has allowed it to tackle some of the most difficult crises in international relations with the respect and trust of its member states.

With thoughtful and evenhanded leadership, you have challenged all nations to resolve conflicts through intelligence and compassion rather than violence and brutality. Today, international peace is not so much an abstraction as it is a fragile shoot that you have planted and we all must tend—in the Persian Gulf, in Afghanistan, in Southern Africa, in Cambodia, in Central America.

The road to the highest diplomatic office began in your native Peru, taking you as a representative of your country to embassies in the United Kingdom, Bolivia, Brazil, Venezuela, Switzerland, Poland, and the Soviet Union. You sat as a member of Peru's delegation to the first session of the United Nations in 1946 and returned there as its permanent representative in 1971. As president of the United Nations Security Council in 1974, your role as international peacemaker in Cyprus was roundly applauded.

Your public career in the resolution of conflicts has been complemented by a deep personal love and understanding of the products of world cultures, their literature, art, and music. Ultimately, it is this faith in the highest achievements of the human mind and heart that is the driving force behind your tireless search for peace.

Javier Pérez de Cuéllar, in admiration of your extraordinary contributions to world peace, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa.*

The University Mace

The University Mace carried by the Chief Marshal, Dr. I. William Zartman, was first used at the 1954 Commemoration Day Exercises. Eight symbols are hand wrought in sterling silver on an ebony staff. The symbols represent man's cultural development from ancient times, through the Middle Ages and the Renaissance, to the modern era.

The Presidential Insignia

University President Steven Muller is wearing the Presidential Insignia signifying the authority vested in the President by the Board of Trustees. It is a chain of sterling silver links worn around the neck. Portraits of each of the ten Johns Hopkins University Presidents are engraved on the faces of ten of the links. On the reverse are engraved the names and dates of office of each President. Ten blank links for future use are included. The University Seal completes the design.

Academic Dress

The custom of wearing academic dress stems from the Middle Ages, when scholars were also clerics and wore the costume of their monastic order. The hood was originally a cowl attached to the gown, which could be slipped over the head for warmth. The cap was originally round, but has changed to the varieties that we see today.

The gown varies for the respective degrees. The Bachelor's gown is worn closed and can be distinguished by its long, pointed sleeves. The Master's gown is designed to be open with the arms worn through the slits in the elbows of the sleeves. The Doctor's gown, also worn open, has full, bell-shaped sleeves with three horizontal bars stitched across the upper arm. There is a velvet panel draped around the neck and stitched down the front edges. This velvet trimming may be either black or the same color as the velvet border of the hood.

The hood also varies for the respective degrees. The Bachelor's and Master's hoods are of the same design, pointed at the base. The Bachelor's hood is three feet long; the Master's hood is three and one half feet long. The Doctor's hood is four feet long, of fuller shape and rounded at the base.

The hood is bordered with velvet, the color of which indicates the field of study in which the degree was earned:

Dark blue - Philosophy
Light blue - Education
Orange - Engineering
Gold-yellow - Science
Green - Medicine
Salmon pink - Public Health
Pink - Music
Purple - Laws
White - Arts and Letters

The silk lining of the hood represents the institution which granted the degree. If more than one degree is held, the gown and hood of the higher or highest degree is worn. The Johns Hopkins University has adopted an alternative costume to be used by all holding Johns Hopkins doctoral degrees, both earned and honorary. The costume consists of a gold robe with front and side panels in sable velvet and a six-sided Dutch academic cap

with gold sweatband and tassel. The linings seen in today's academic procession may include:

Black, old gold chevron—Johns Hopkins
Light blue, white chevron—Columbia
Dark blue—Yale
Blue with white chevron—Duke
Dark blue, two orange chevrons—Illinois
Light blue, two white chevrons—North Carolina
Old gold, maroon chevron—Minnesota
Old gold—Iowa
Gold, blue chevron—California
Gold—Virginia
Purple, gold chevron—Northwestern
Carnegie Tartan — Carnegie-Mellon
Purple—New York University
Bright red—Wisconsin
Plum, with scarlet—London
Maroon—Chicago
Crimson—Harvard
Carnelian, two white chevrons—Cornell
Cardinal—Stanford
Red, tri-Chevron in center—Heidelberg
Dandelion yellow—Michigan
Maize, azure blue chevron—Sorbonne
Yellow and white—Rochester

THE UNIVERSITY MOTTO

Veritas vos liberabit.

The truth shall make you free.

—*St. John 8:32*

AWARDS

IN THE SCHOOLS OF ARTS AND SCIENCES, ENGINEERING AND MEDICINE

LOUIS SUDLER PRIZE IN THE ARTS
for excellence in the creative arts
Awarded to Louise Murray Redd

IN THE SCHOOLS OF ARTS AND SCIENCES AND ENGINEERING

ROBERTO R. ARELLANO AWARD
for outstanding achievement in the junior year by a Writing Seminars major.
Awarded to Richard E. Brummer

LOUIS AZRAEL FELLOWSHIP IN COMMUNICATIONS
for demonstrated excellence in a field of mass communications
Awarded to Elizabeth E. Brown
Sharyn E. Horowitz
Kimberly E. Lankford
Joshua B. Orenstein
Alexandra L. Pham

WILLIAM H. BAIN AWARD
for outstanding achievement by an undergraduate in the Writing Seminars
Awarded to Meridith A. Jacobson

BIOMEDICAL ENGINEERING AWARD
for outstanding effort in research in Biomedical Engineering
Awarded to Jeffrey W. Holmes (undergraduate)
Agustin Ifarraguerri (undergraduate)
Michele R. Mulligan (master's cand.)
Edward K. Rodriguez (master's cand.)
John Jeremy Rice (master's cand.)

ALEXANDER BUTLER PRIZE
for the best research paper by a first year graduate student in History
Awarded to Scott D. Spector

MARY FARRELL CAMERER AWARD
for outstanding achievement in the junior year by a Writing Seminars major
Awarded to Jeffrey S. Blitz

EUGENIO AND PATRICIA CASTILLO AWARD
to the best first or second year graduate student in Economics
Awarded to Philip Gerson

CHEMICAL ENGINEERING UNDERGRADUATE RESEARCH AWARD
for demonstrated contributions to research in Chemical Engineering
Awarded to Bruce M. Hasch

CIVIL ENGINEERING AWARD
for outstanding achievement by a senior in Civil Engineering
Awarded to Mr. Leslie E. Wong

COMPUTER SCIENCE AWARD
for outstanding achievement by an undergraduate in Computer Science
Awarded to Larry B. Hostetler

G. STANLEY HALL PRIZE
for outstanding achievement by an undergraduate in Psychology
Awarded to Mary Beth Wherry

THE MAX HOCHSCHILD FUND
The prize is awarded annually to the undergraduate student in Business and Industrial Management who has shown the greatest promise and proficiency in this field and is
Awarded to Michael Grant Williams

THE JACOB H. HOLLANDER PRIZE
for excellence in writing by a Writing Seminars junior
Awarded to Dyanna L. Phillips

THE 3 ARTS CLUB OF HOMELAND AWARD
for outstanding achievement in the Writing Seminars
Awarded to Sandra Guttman
Karen Ru-Chien Ting

AT&T INFORMATION SYSTEMS - WILLIAM H. HUGGINS AWARD
for outstanding service and academic achievement by a senior and junior in Electrical and Computer Engineering
Awarded to Kwabena Adu Boahen (senior)
David H. Hsu (junior)

ADOLF KATZENELLENBOGEN MEMORIAL PRIZE
for outstanding work in Art History
Awarded to Adam S. Cohen
Genevieve Ann Warwick

DONALD E. KERR MEMORIAL MEDAL
to the outstanding undergraduate major in Physics and Astronomy
Awarded to Seran Gwen Gibbard

ARTHUR KOUGUELL PRIZE
to the outstanding undergraduate major in History
Awarded to Lynn Marie Thomas

SAMUEL H. KRESS FOUNDATION FELLOWSHIP
in the Department of the History of Art
Awarded to Wendy Thompson

ERNEST M. MARKS AWARD
in recognition of excellence in instruction in Chemistry
Awarded to Jeffrey Hayes
Todd Nelson

MATHEMATICAL SCIENCES AWARD
for outstanding achievement by an undergraduate
Awarded to Nehme C. Ayoub
Anne M. Troop

PAUL A. McCOY PRIZE
for the most distinguished masters essay in Political Science
Awarded to Sidney Maskit

THE WILLIAM D. McELROY AWARD
for meritorious research conducted by an undergraduate in the biological sciences
Awarded to Brenda Chulman
Honorable Mention to Thomas Barthel

ROBERT B. POND, SR. ACHIEVEMENT AWARD
to the graduating senior in Materials Science and Engineering who best exemplifies Professor Pond's commitment to scholarly and humane values
Awarded to Andrew C. Chen

PRESIDENT'S COMMENDATION FOR ACHIEVEMENT IN THE ARTS
for outstanding contributions to the Arts in the Johns Hopkins Community by graduating seniors
Awarded to Andrew F. Angelino
Amy E. Schulman

THE CURT P. RICHTER AWARD IN BEHAVIORAL BIOLOGY
in recognition of outstanding achievement in the Behavioral Biology Program
Awarded to Christine Marie Grey
Suzanne McGinn

ROULSTON PRIZE
for outstandin achievement and excellence in the German Department
Awarded to Eva Gealen
Simon J. Richter
Constance J. Sheldon

SARAH & ADOLPH ROSEMAN ACHIEVEMENT AWARD
in recognition of outstanding accomplishment in Chemistry
Awarded to Patricia Ryan
Kevin Webb

ISADORE SOKOLOW MEMORIAL PRIZE
for a graduate student of outstanding promise in Latin American History
Awarded to Mieko Nishida

JULIAN C. STANLEY AWARD
for the undergraduate psychology majors who most closely approximates Dr. Stanley's personal and professional standards of excellence
Awarded to Stephanie Marie Noll
Katherine Elizabeth Ross

JULIUS TURNER PRIZE
for the most distinguished senior thesis in Political Science
Awarded to Kathyrn Eleen Cameron
Eric Wayne Lindenbaum

JOHN BOSWELL WHITEHEAD AWARD
for outstanding achievements by an undergraduate in Electrical and Computer Engineering
Awarded to Susan Lynn Weller

LOY WILKINSON AWARD
for a demonstrated record of academic excellence, leadership, and service in Chemical Engineering
Awarded to Janine M. Unterreiner
Heidi L. Wald

IN THE PEABODY CONSERVATORY OF MUSIC

THE EDITH AND IRENE ASHWORTH PRIZE
Awarded to H. Eric Hansen

THE BALTIMORE MUSIC CLUB AWARD IN ACCOMPANYING
Awarded to Curtis John Pajer

THE MARIAN B. AND SAMUEL BERNSTEIN MEMORIAL PRIZE IN OPERA
Awarded to Sarah Paola

THE MARTHA AND WILLIAM BILL PRIZE IN CLARINET
Awarded to Kelly Dolan

THE PERCY CHRISTOPHER AWARD
Awarded to Lori Sims

THE SAMUEL COHEN MEMORIAL PRIZE IN VIOLIN
Awarded to Bing Wang

THE CHARLES M. EATON AWARD IN VOICE
Awarded to Kathleen Allen

THE PAULINE FAVIN MEMORIAL AWARD IN PIANO
Awarded to Hayuru Taima

THE SIDNEY FRIEDBERG PRIZE IN CHAMBER MUSIC
Awarded to James Wyn Hart

THE BRITTON JOHNSON MEMORIAL PRIZE IN FLUTE
Awarded to Lory McConnell

THE IRVING LOWENS MEMORIAL PRIZE IN CRITICISM
Awarded to Peter Dobrin

THE MARYLAND STATE TEACHER'S ASSOCIATION PRIZE
Awarded to John Kenneth Hasenei

THE OTTO ORTMAN AWARD IN COMPOSITION
Awarded to John Prokop

THE HAROLD RANDOLPH PRIZE
Awarded to Christina Dahl

THE RANDOLPH S. ROTHSCHILD AWARD
Awarded to Daniel G. Crozier, Jr.

THE MELISSA TILLER MEMORIAL PRIZE IN VIOLIN
Awarded to Christian Colberg

THE THREE ARTS CLUB ARTIST DIPLOMA AWARD
Awarded to Choong Mo Kang

THE FRANCES M. WENTZ TURNER MEMORIAL PRIZE IN PIANO
Awarded to Stephen Prutsman

THE SARAH STULMAN ZIERLER PRIZE IN PIANO
Awarded to Matthew Borelli

IN THE SCHOOL OF NURSING

ROBERT G. MERRICK AWARD
to a student demonstrating outstanding leadership in the field of nursing
Awarded to Lois Brass-Ernst

RESEARCH AWARD
to a student demonstrating intellectual curiosity and creativity in nursing research
Awarded to Mary P. Wilder

MARY AND GRAINGER MARBURG AWARD
in recognition of a student who consistently exhibits outstanding clinical nursing expertise
Awarded to Inez Wendel

ACADEMIC EXCELLENCE AWARD
to a student whose academic performance has been judged to be outstanding
Awarded to Anne R. Quast

ELEANOR WADE CUSTER AWARD
to a student who most successfully combines commitment to the nursing profession with sensitivity to one's fellow man
Awarded to Kerry C. Cripe

THE CHURCH HOME AND HOSPITAL NURSING ALUMNAE AWARD
recognizes a student who best exemplifies a humanistic approach to nursing while integrating the art, science and the spirit of nursing
Awarded to Tina M. Shambaugh

THE JOHNS HOPKINS NURSES' ALUMNI ASSOCIATION AWARD
recognizes a student whose leadership ability is combined with clinical competence and an inquiring mind
Awarded to Miriam P. Spencer

SINAI NURSES' ALUMNAE ASSOCIATION OF SINAI HOSPITAL, INC.
recognizes a student who exhibits enthusiasm, compassion and a positive approach to problem solving in nursing
Awarded to Karen J. Daniels

IN THE SCHOOL OF CONTINUING STUDIES

DELTA SIGMA PI SCHOLARSHIP KEY
in the Division of Administration and Business for the highest average in the undergraduate programs
Awarded to Theodore Schiller, Sr.

EDWARD J. STEGMAN, C.P.A., MEMORIAL AWARD
in the Division of Administration and Business for excellence in the study of Administrative Science at the graduate level
Awarded to

Diane Blair Black
Nancy Ann Breiner
Joan Cwiertniewicz
Mary Aurelia Filippell
Ronald C. Gordy
Valerie S. Groover
Christina L. Kelbly
Lance Eugene Kessler
Aili Elizabeth Kujawa
Cornelius Muhilly
Wesley A. Nichols
Pamela Putman
Deborah Lyn Rhodes
Kathleen Brusca Wynn

WALL STREET JOURNAL STUDENT ACHIEVEMENT AWARD
in the Division of Administration and Business for outstanding scholarship in the undergraduate programs and exceptional promise of future success
Awarded to Deborah Evans Hoskinson

IN THE SCHOOL OF MEDICINE

HENRY STRONG DENISON SCHOLARSHIP
The Henry Strong Denison Fund for Medical Research in memory of Henry Strong Denison, M.D., 1908, is used for the specific purpose of aiding in the training for research of young people deemed by the Medical Faculty to be especially gifted for a career in medical investigation.
Awarded to Jed Paul Weber

SANDOZ AWARD
This award provided by the Sandoz Pharmaceutical Company recognizes excellence in the field of Pharmacology.
Awarded to Jonathan Abram Pevsner

LAUREL AND CLARENCE H. KOENNECKE AWARD
The Laurel and Clarence H. Koennecke Award was established to recognize those students showing most promise in the surgical field of Gynecology.
Awarded to Beverly Joyce

THE FRANKLIN PAINE MALL SCHOLARSHIP IN ANATOMY
The Franklin Paine Mall Prize in Anatomy established by Dr. Miley B. Weston, an alumnus of the School of Medicine, is given in the name of Franklin Paine Mall, the first professor of Anatomy in the School of Medicine.
Awarded to Mathias Per Gunnar Bostrom

THE PAUL EHRLICH AWARDS
The Paul Ehrlich Awards were established to honor Dr. Paul Ehrlich with funding originally granted by Dr. Emmanuel Libman. The awards, which recognize student research contributions, are presented each year at Young Investigators' Day.

THE PAUL EHRLICH GRADUATE STUDENT AWARD
Awarded to Timothy Hugh Murphy
Jonathan Abram Pevsner

THE PAUL EHRLICH AWARD FOR BASIC SCIENCE INVESTIGATION
Awarded to Athan Kuliopulos

THE PAUL EHRLICH MEDICAL STUDENT AWARD
Awarded to Damian Alexander Brezinski

MICHAEL A. SHANOFF RESEARCH AWARD
The award is made annually to a student for significant research contribution in the medical sciences. The award is made possible by a bequest from the family and friends of the late Dr. Michael A. Shanoff, who earned his undergraduate degree and M.D. and Ph.D. degrees from The Johns Hopkins University.
Awarded to Dale Hereld

DAVID ISRAEL MACHT MEMORIAL PRIZE
The David Israel Macht Memorial Prize was established in 1983 by the family of Dr. Macht to commemorate the centenary of his birth.
Dr. Macht was a member of the faculty of the Departments of Pharmacology and Medicine in the early part of this century and was a pioneer investigator in the field of opiate alkaloids. The prize is intended to recognize excellence in investigation by a student in the School of Medicine.
Awarded to David Thomas Jones

HAROLD LAMPORT BIOMEDICAL RESEARCH PRIZE
The memory of Dr. Harold Lamport, a distinguished investigator, is honored by this prize established by the Lamport Foundation. The prize recognizes research contributions.
Awarded to Damian Alexander Brezinski
Thomas Lee Gautsch
Christine Nai-Mei Sang

CIBA AWARD FOR OUTSTANDING COMMUNITY SERVICE
The CIBA Pharmaceutical Company makes a yearly award to that student in the second year of the School of Medicine who is judged by classmates to have made the greatest contribution to our community.
Awarded to Paul Daniel Langer

IN THE SCHOOL OF HYGIENE AND PUBLIC HEALTH

ALUMNI ASSOCIATION SCHOLARSHIP AWARD
to students of outstanding promise
Awarded in 1986 to Elizabeth Ahmann
Awarded to 1984 to Siobán Denise Harlow
Awarded in 1986 to Pauline Evadne Banton Jolly
Awarded in 1979 to David Richardson McKusick

FREDERIK B. BANG AWARD
for an outstanding research idea in the area of pathobiology
Awarded in 1988 to Jonathan David Dinman
Awarded in 1987 to Tzyy-Choou Wu

RUTH B. FREEMAN AWARD
to a graduating doctoral nurse to recognize academic performance and an outstanding thesis
Awarded to Jenny Ruducha

PAUL A. HARPER AWARD
to degree candidates in the Department of Population Dynamics to recognize both achievement and promise of future contributions to the field of population
Awarded in 1988 to Dawn Marie Upchurch

JOHN C. HUME AWARD
to a doctoral graduate for significance of research in the Department of Health Policy and Management
Awarded to Jenny Ruducha

JOHN C. HUME AWARD
to a Master of Public Health graduate for academic excellence and professional promise
Awarded to Mohit Krishan Bhatnagar

CORNELIUS W. KRUSÉ AWARD
for scholarly excellence in Environmental Health Sciences
Awarded to Dalton Gordon Paxman, III

MARY B. MEYER MEMORIAL AWARD
to students in the Department of Epidemiology for academic excellence
Awarded in 1985 to Ellen Pauline Fischer
Awarded in 1987 to Nancy Elizabeth Heer Maestri

IN THE PAUL H. NITZE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

WILLIAM C. FOSTER AWARD
to a second year student for sound scholarship and a record of leadership and distinguished service to SAIS exemplary of the high qualities of integrity, loyalty and ability admired in Mr. Foster
Awarded to Theodore G. Osius
Jennifer Varrell

CHRISTIAN A. HERTER FELLOWSHIP
to the member of the second year class with the most outstanding record during the first year
Awarded to Jaume Ventura

HONOR SOCIETIES

PHI BETA KAPPA

From the Junior Class in the School of Arts and Sciences

Murat Zeki Akalin
Jennifer Lynn Barsema
Daniel Richard Durkin
Jay C. Erickson
Christopher Frank Kolda
Lori Ann Snyder
David Maerten Westphal
Eric John Wolgemuth

From the Senior Class in the School of Arts and Sciences
Elected in 1987-88

Alexis John Carras
Dayna Devon Ferguson
Paul Joseph Fox
Debra Louise Hamel
Deborah Jill Krauss
Virginia Michele Marth
Michael Carl Runge
Brenda Arlene Schulman
Barry Jay Uphoff

Elected in 1988-89

Nathan Daniel Adler
John Dominic Alvaro
Jon Lewis Aronson
Harisha Bastiampillai
Timothy Earl Benson
Jonathan Javier Canete
Cynthia Joan Cronce
Daniel Joseph Dairaghi
Pierre De Matos
Bret Steven Derman
Christine Louise DiBacco
Richard Hai Dohn
Lee Paul Dranikoff
Andrew Martin Elizaga
Michael Aron Farbowitz
Jennifer Lee Forbes
Margaret Elaine Gers
Seran Gwen Gibbard
Bala Krishna Giri
Sondra Guttman
James Brendan Holland
Stephen Joshua Katz
Grace Ching-Ling Kung
Toby Ellen Lazarus
Eric Wan-Hay Leong
Suzanne McGinn
Stephanie Marie Noll
Himanshu Jagdish Patel
Laura Ann Perlinn
Denver Sallee III
Robert Churchill Schuster
Craig Thomas Sloan
Patricia Ann Shi
Victoria Caryn Steisel
Susan Renee Stolovy
Lynn Marie Thomas
Mai Chi Tran
Jonathan Tycko
Marguerite Clare Walter
John Yung-Wen Wang
Kasper Saonun Wang
Mary Beth Wherry
Michael Grant Williams
Christopher Sang Yu
Richard Tsun-Tak Yung
Joseph Anthony Zangara

From the Doctor of Philosophy Candidates in the School of Arts and Sciences

Gilda E. Ballester
David Max Goloff
Sy-Sang Liaw

From the School of Medicine

Marshall Jay Glesby
Edward William Laurent Hoehn-Saric
Lisa Ann Simonson
Dr. Gregory Alan Sliman

From the School of Hygiene and Public Health

Gunta Iris Obrams, Ph.D.

From the Paul H. Nitze School of Advanced International Studies

Raphael Dang-Quang Cung
Eric Carson Harrell

TAU BETA PI

NATIONAL ENGINEERING HONOR SOCIETY

From the Junior Class in the G.W.C. Whiting School of Engineering

Sanjay Aggarwal
Lisa Carapella
B. Dahiyat
Mike Facello
Mike Greenfield
Eric Haura
David Hsu
Howard Hui
John Joyce
Yookyung Kim
Bill Krause
Neil Lofgrin
Jackie Morris
Ty Mullen
Robert Nichols
Michelle Royce
Phoebe Sengris
Dan Sesbarro
M. Shah
Volney Sheen
Saurabh Sinha
Mike Syptak
H. Ying

From the Senior Class in the G.W.C. Whiting School of Engineering
Elected in 1987-88

Mounir Bashour
Kwabena A. Boahen
Louis M. Born
Jeffrey A. Cadeddu
Ajay Chawla
Bernard L. Edwards
Ujjal K. Ghoshtagore
Jeffrey W. Holmes
David J. Israel
Kimberly A. Juvan
Nina S. Kadan
Hussman M. Khoury
Matthew J. Lesho
Kwong C. Li
Heidi S. Perloff
David J. Scheerer
John P. Soisson
Heidi L. Wald
Susan L. Weller
Katherine C. Wu
Paul C. Zei

Elected in 1988-89

David Ta-Chen Chang
Stephen Allen Johnston
Wynn Hugh Kao
Christine Marie Long
Sonia Ester Marx
Erik Kurt Witt
Leslie Edward Wong

From the Part-Time Engineering Program

Paul E. Abbott, Jr.
Edward C. Adams, Jr.
Oliver E. Allen
Jordan Loran
Loretta R. Orndorff
Carl R. Spencer
Michael D. Tankersley
Paul L. Weeks

ALPHA OMEGA ALPHA

HONOR MEDICAL SOCIETY

William Arthur Baker
Kevin Gregg Billingsley
Mathias Per Gunnar Bostrom
Peter Wonjin Cho
Leigh Ann Curl
Sanford J. Gips
Marshall Jay Glesby
James Gordon Herman
Jay Lowell Hess
Edward William Laurent Hoehn-Saric
Paul Daniel Langer
Steven Anthony Madreperla
Nancy Sheffield Melberg
Donald W. Micheletti
Lisa Jane Samson
Richard David Schulick
Lisa Ann Simonson
Terance Ted Tsue
Patricia Beck Van De Mark
Karen Leigh Watson
Jed Paul Weber
Beth Ann Zarkin

DELTA OMEGA

NATIONAL PUBLIC HEALTH HONOR SOCIETY

Elizabeth Ahmann
Andrew William Arthur
Susan Lynn Ayanian
Mohit Krishan Bhatnagar
James Eugene Cheek
Gail Geller
Andrea Carlson Gielen
Richard Henry Glazier
Steven Neil Goodman
Kathryn Louise Green
Robert L. Gruber
Sioban Denise Harlow
Denis Maximilian Holdenreid
Heidi Melissa Jolson
Nancy Elizabeth Heer Maestri
Peggy J. McGauhey
Kevin Wayne Miller
Cynthia Louise Cook Morgan
Amanda B. Pedersen
Susanne Perez-Gutthann
David Henry Peters
Donna Jeanne Petersen
Margaret Levin Phillips
James Bennet Potash
Lisa Freund Rosenblatt
Bruce Siegel
Barbara Helene Sohmer
Dawn Marie Upchurch
Rohit Varma
Thomas Donald Yeager

PI KAPPA LAMBDA

NATIONAL MUSIC HONOR SOCIETY

Matthew A. Borelli
Howard Ralph Carr
Christina Ann Dahl
H. Eric Hansen
Kevin Park Kenner
Daniel Michael LeJeune
Daniel R. Nelson
Stephen Naeson Prutsman
Heather L. Schenck
Laura Jane Schwartz
Lori Sims
Nancy Anne Stagnitta

HONORS

Baccalaureate Candidates in the School of Arts and Sciences

Graduating with General Honors

Nathan Daniel Adler
John Dominic Alvaro
Jon Lewis Aronson
Thomas K. Barthel
Harisha Joseph Bastiampillai
Timothy Earl Benson
Paul David Brettschneider
Jonathan Javier Canete
Alexis John Carras
Seema Bipinchandra Chaudhari
Valentina Norma Chen
Evan Yee-Fan Cheuk
Cynthia Joan Cronce
Richard Joseph Cross III
Daniel Joseph Dairaghi
Bret Steven Derman
Christine Louise DiBacco
Richard Hai Dohn
Lee Paul Dranikoff
Andrew Martin Elizaga
Michael Aron Farbowitz
Dayna Devon Ferguson
Sharon Elizabeth Finberg
Charles Tuckerman Fitzgerald III
Jennifer Lee Forbes
Paul Joseph Fox
Clare Marie Frock
Margaret Elaine Gers
Seran Gwen Gibbark
Bala Krishna Giri
Vladimir M. Gutin
Sandra Faye Guttman
Debra Louise Hamel
Anil Kumar Hari
James Brendan Holland
Faye Marie Johnson
Stephen Joshua Katz
Steven Anton Klenda
Curtis Paul Kloepfer
Mark Reid Klupt
Deborah Jill Krauss
Grace Ching-Ling Kung
Toby Ellen Lazarus
Jay Lechtman
Eric Wan-Hay Leong
Stephanie Allayne Leppo
Virginia Michele Marth
Suzanne McGinn
Timothy Walter McNellis
Philip Louis Micale
Marc David Newborn
Thai Tran Nguyen
Stephanie Marie Noll
Linda Nwamaka Odogwu
Paul Craig Park
Himanshu Jagdish Patel
Laura Ann Perlinn
Michael Joseph Pocchia
Andrew David Richman
Katherin Elizabeth Ross
Michael Carl Runge
Denver Sallee III
Isa Santoriello
Scott Carlton Schilagi
Brenda Arlene Schulman
Robert Churchill Schuster
Patricia Ann Shi
Craig Thomas Sloan
David Griffith Soegel, Jr.
Victoria Caryn Steisel
Robert James Stobo
Susan Renee Stolovy
Sunil Gul Sujan
Houman Tavaf-Motamen
Lynn Marie Thomas
Karen Ru-Chien Ting
Herbert Joseph Tomaso
Mai Chi Tran
Paulus Darcy Tsai
Jonathan Tycko
Jeffrey Underweiser
Barry Jay Uphoff
Susma Shanti Vaidya
Jennifer Marie Vettraino
Marguerite Clare Walter
John Yung-Wen Wang
Kasper Saonun Wang
Alison Christina Watts
Lisa Jane Weisbord
Mary Beth Wherry
Robert David Wiley
Christopher Sang Yu
Richard Tsun Tak Yung
Joseph Anthony Zangara

Baccalaureate Candidates in the G.W.C. Whiting School of Engineering

Graduating with General Honors

Nehme Camille Ayoub
Mounir Bashour
Kwabena Adu Boahen
Lawrence J. Bonassar
Louis Matthew Born
Jeffrey Anthony Cadeddu
David Ta-Chen Chang
Ajay Chawla
David Alin Clifton
Stephan Alexander Cooper
Douglas Dominick Daugherty
Bernard Lee Edwards
Ujjal Kumar Ghoshtagore
Bruce Adam Herman
Jeffrey William Holmes
Larry Blythe Hostetler, Jr.
David Jeremy Israel
Stephen Allen Johnston
Kimberly Ann Juvan
Nina Singh Kadan
Wynn Hugh Kao
Hussam Munir Khoury
Joung Yon Kim
Sang Won Lee
Matthew Jerome Lesho
Kwong Chung Li
Christine Marie Long
Vivek Tim Malhotra
Sonia Ester Marx
Heidi Susan Perloff
Philippe Olivier-Marie Pouliquen
David John Scheerer
John Patrick Soisson
Anne Madeline Troop
Heidi Lisa Wald
Susan Lynn Weller
Erik Kurt Witt
Leslie Edward Wong
Katherine C. Wu
Norman Yarvin
Paul Zei

Baccalaureate Candidates in the School of Arts and Sciences

Graduating with Departmental Honors

Ron David Abrams
Jon Lewis Aronson
Mounir Bashour
Jessica Anne Browner
Erin Renee Burns
Kathryn Ellen Cameron
Cynthia Joan Cronce
Raphael Dang-Quang Cung
Bret Steven Derman
Janice L. Dowell
Lee Paul Dranikoff
Adam Matthew Ende
Sharon Elizabeth Finberg
Charles T. Fitzgerald III
Margaret Elaine Gers
Ujjal Kumar Ghoshtagore
Seran Gwen Gibbard
Patrick John Gibbons
Philip Henry Gochenour
Lisa Rebecca Goldberg
Marc Allan Goldstein
Christine Marie Grey
Sandra Faye Guttman
Debra Louise Hamel
Erik Carson Harrell
Susan Therese Herman
Peretz Hirshbein
James Brendan Holland
Donald Keith Holloway
Tayeb Hyderally
Otto Wigaart Immel, Jr.
Stephen Joshua Katz
Nicholas Edward Kierstead
Curtis Paul Kloepfer
Mark Reid Klupt
Philip Yvan Kouyoumidjian
Deborah Jill Krauss
Phyllis Beth Kruchko
Toby Ellen Lazarus
Jay Lechtman
Robert Edward Lee
Eric Wan-Hay Leong
Stephanie Allayne Leppo
Eric Wayne Lindenbaum
Sherrie Ann Lisitski
Virginia Michele Marth
Suzanne McGinn
Robert Scott McGough
Pauline Frances McHugh
Stephanie Marie Noll
John Hyun Park
Himanshu Jagdish Patel
Susan Rebecca Plath
Larcia Cony Premo
Louise Murray Redd
Denise Ann Ross
Denver Sallee III
Dietrich Werner Leopold Schultze
Jonathan Mark Shaw
Patricia Ann Shi
Marianne Athena Soussa
Susan Renee Stolovy
James Barton Taylor
Lynn Marie Thomas
Mai Chi Tran
Jonathan Tycko
Jeffrey Underweiser
Jennifer Marie Vettraino
Marguerite Clare Walter
Margaret Taylor Watkins
Mary Beth Wherry
Michael Grant Williams

Graduates from the Biology Honors Program

Andrew Mark Barnstein
Brenda Arlene Schulman
Stephen Hing-Lam Tsang

Graduates from the Humanistic Studies Honors Program

Philip Henry Gochnour

Baccalaureate Candidates in the G.W.C. Whiting School of Engineering

Graduating with Departmental Honors

Nehme Camille Ayoub
Mounir Bashour
Kwabena Adu Boahen
Lawrence Justin Bonassar
Louis Matthew Born
Jeffrey Anthony Cadeddu
David Ta-Chen Chang
Ajay Chawla
David Alin Clifton
Stephen Alexander Cooper
Bernard Lee Edwards
Douglas Eugene Ferguson
Ujjal Kuma Ghoshtagore
David Joseph Giarracco
Agustin Ignacio Ifarraguerri
Jeffrey William Holmes
Larry Blythe Hostetler, Jr.
David Jeremy Israel
Nina Singh Kadan
Wynn Hugh Kao
Hussam Munir Khoury
Stephen Allen Johnston
Kimberly Ann Juvan
Joung Yon Kim
Sang Won Lee
Matthew Jerome Lesho
Kwong Chung Li
Lynette Corinne Liu
Christine Marie Long
Vivek Tim Malhotra
Sonia Ester Marx
Heidi Susan Perloff
Alan Barry Prager
Craig Allen Rayner
David Scheerer
John Patrick Soisson
Anne Madeline Troop
Heidi Lisa Wald
Leslie Edward Wong
Susan Lynn Weller
Erik Kurt Witt
Katherine Chih-Ching Wu
Norman Yarvin
Paul Zei

Baccalaureate Candidates in the School of Continuing Studies

Graduating with Honors

Barbara A. Chanoski
Barrie J. Cowden
Deborah Evans Hoskinson
Kenneth E. Iman
Delilah Jackson
Jeffrey Dean Kirkendall
Donald Francis Krempel
Carole Lynn Lassack
James Matthew McAteer, Jr.
Theodore E. Schiller, Sr.
Rosemarie Zannino

Baccalaureate Candidates in the Part-Time Engineering Programs

Graduating with Honors

Michael R. Anderson
Stewart Ausfresser
James Kane
Carl Spencer
Frank Tetkoski
Paul L. Weeks

CANDIDATES FOR DEGREES

as of May 10, 1989

A number of students included in the lists which follow completed their degree requirements earlier in the academic year and could not be present today to receive their degree in person.

BACHELORS OF ARTS
in The School of Arts and Sciences

Jonathan Abrahams, of Princeton, N.J.
Ron David Abrams, of College Park, Md.
Matthew David Absatz, of Plainview, N.Y.
Laurent Adler, of New York, N.Y.
Nathan Daniel Adler, of Baltimore, Md.
Stefano Franco Agolini, of Steinsel, Luxembourg.
Hue-Sun Ahn, of Springfield, Va.
Kelly Jung Ahn, of Marietta, Ga.
Adil Jude Al-Shabkhoun, of Franklin, Mich.
Kristin Downs Alden, of Philadelphia, Pa.
Thomas John Alfieri, of Farmingdale, N.Y.
James Patrick Altomare, of Fort Washington, Pa.
John Dominic Alvaro, of Rensselaer, N.Y.
Julie M. Anderson, of Fort Atkinson, Wis.
Frederick Richard Andres, of Plymouth, Mich.
Andrew Frank Angelino, of Roselle, Ill.
Jan Aquilino, of West Palm Beach, Fla.
Jon Lewis Aronson, of Longmeadow, Mass.
Oneida Albania Arosarena, of Mt. Rainier, Md.
Michael James Attar, of Towson, Md.
Thomas Russell Ayres, Jr., of Severna Park, Md.
Michael Hiroshi Baensch, of Hastings-on-Hudson, N.Y.
Sanjit Singh Bagga, of Birmingham, Ala.
William Hugh Baird, of Wytheville, Va.
Mitzi Ann Baker, of Dover, Del.
Paul Frederick Baker, Jr., of Tiverton, R.I.
Scott Randall Baker, of Arnold, Md.
Summerfield Mason Baldwin, of Brooklyn, N.Y.
Brett Allen Balinsky, of Baltimore, Md.
Mary Evelyn Barcus, of Rockville, Md.
Mary Susan Christine Bardsley, of Wilmington, Del.
Bel Barker, of Rome, N.Y.
Thomas K. Barthel, of Clayton, Mo.
Harisha Joseph Bastiampillai, of Derwood, Md.
Edmund C. Beck, of Irvine, Calif.
Sheryl Ann Bedno, of Chicago, Ill.
Peter Miller Bennett, of New York, N.Y.
Timothy Earl Benson, of Irmo, S.C.
Rick Allen Berg, of St. Louis, Mo.
David Moshe Bergman, of East Meadow, N.Y.
David Langford Berkey, of Lafayette Hill, Pa.
Ari Greene Bernstein, of Allendale, N.J.
Raju Bohra, of Matteson, Ill.
Christina Marie Bond, of Bethel, Conn.
Michael Christian Bowman, of Seattle, Wash.
Paul Anthony Bowman, of Galveston, Texas.
Patrick Owen Brady, of Gettysburg, Pa.
Paul David Brettschneider, of Baltimore, Md.
John Richard Brett-Smith, of Princeton, N.J.
Jessica Anne Browner, of Livingston, N.J.
Meredith Mallory Buchner, of Little Silver, N.J.
Jon Edward Budelmann, of Manlius, N.Y.
Erin Renee Burns, of Annandale, Va.
Samantha Jane Butler, of Mt. Holly, N.J.
Nanette Marie Byrnes, of New York, N.Y.
Kathryn Ellen Cameron, of Ridgefield, Conn.
Jonathan Javier Cañete, of Colonia, N.J.
Peter D. Carlesimo, of Ewing Township, N.J.
William Henry Carlucci, of Rye Brook, N.Y.
Alexis John Carras, of Great Neck, N.Y.
Adriaan Carl Linus Carter, of Cabin John, Md.
Seema Bipinchandra Chaudhari, of Wilmington, Del.
Valentina Norma Chen, of Baltimore, Md.
Julius David Cheng, of Ho-Ho-Kus, N.J.
Frank Christopher Chirieleison, of Reading, Pa.
Geoffrey Michael Christian, of Littleton, Colo.
Howard Chu, of Voorhees, N.J.
Evan Yee-Fan Chuck, of Shreveport, La.
John Raymond Ciccarone, of Towson, Md.
Peter Alexander Clark, of Kennett Square, Pa.
Alice Jennifer Collins, of Baltimore, Md.
Courtney Rutledge Collins, of Darien, Conn.
James Constantine Comolli, of Yardley, Pa.
Edward William Cooner, of Middletown, N.J.
Andrew Gordon Cox, of Billings, Mont.
Cynthia Joan Cronce, of Flemington, N.J.
Richard Joseph Cross III, of Timonium, Md.
Raphael Dang-Quang Cung, of Roseville, Minn.
Daniel Joseph Dairaghi, of St. Louis, Mo.
Joseph Matthew Dal Porto, of Stockton, Calif.
Christopher Eamon Daly, of Miller Place, N.Y.
Victor Hugo Dates, of Baltimore, Md.
Kendra Tamara Davis, of Lebanon, Pa.
Bennett Craig Degen, of New York, N.Y.
Pierre DeMatos, of Johnstown, Pa.
Bret Steven Derman, of Norwood, N.J.
Barbara Jean De Santis, of Columbia, Md.
Carney Thomas DeSarno, of Allenwood, N.J.
Thomas Victor Diamond, of London, England.
Christine Louise DiBacco, of Turnersville, N.J.
Paul Edward Dickey, of Baltimore, Md.
Kenneth Scott Dietz, of Northport, N.Y.

Michelle Lisa Dobrawsky, of Bethpage, N.Y.
Patrick Freeman Doherty, of Edison, N.J.
Richard Hai Dohn, of Anaheim, Calif.
Janice L. Dowell, of Princeton, N.J.
Lee Paul Dranikoff, of Livingston, N.J.
John Charles Dressel, of Baltimore, Md.
Michael Shawn Dudas, of Crown Point, Ind.
Eileen Marie Duffy, of Short Hills, N.J.
James Stuart Eakins, of Chalfont, Pa.
Jill Rose Ehnenn, of Pomona, N.Y.
Andrew Martin Elizaga, of Morton, Wash.
Christine Marie Emmick, of Horseheads, N.Y.
Adam Matthew Ende, of Princeton, N.J.
Michael Aron Farbowitz, of North Miami Beach, Fla.
Jacquelyn Joy Fatula, of Holland, Pa.
John Thomas Faulkingham, of Deer Isle, Maine.
Brad Stephen Feldman, of Belmont, Mass.
Erika D. Feller, of Bethesda, Md.
Michael Reid Fenzel, of Sleepy Hollow, Ill.
Dayna Devon Ferguson, of Taegu, Korea.
Diane Karen Fernbach, of Port Washington, N.Y.
Sharon Elizabeth Finberg, of Fairfax, Va.
Angela Gabriela Fiore, of Toledo, Ohio.
Charles Tuckerman FitzGerald III, of Bellevue, Wash.
Scott Joseph Fitzgerald, of Milwaukee, Wis.
Russell L. Fleischer, of Pittsford, N.Y.
Jennifer Lee Forbes, of College Park, Md.
Loren J. Fox, of New York, N.Y.
Paul Joseph Fox, of Bayville, N.Y.
Avram Jacob Frankel, of Irvine, Calif.
Jane M. Freeberg, of Parsons, Kan.
Beth Friedman, of Silver Spring, Md.
Clare Marie Frock, of Olney, Md.
James Keane Frost, of Lutherville, Md.
Jason William Gaarder, of Chevy Chase, Md.
Alex R. Gadea, of New Rochelle, N.Y.
Adrienne Garro, of Bay Shore, N.Y.
Margaret Elaine Gers, of Baltimore, Md.
Seran Gwen Gibbard, of Baltimore, Md.
Patrick John Gibbons, of Chatham, N.J.
Lloyd Harry Gilbert, of New Rochelle, N.Y.
Richard Stephen Gilbert, of Scarsdale, N.Y.
Bala Krishna Giri, of Wichita, Kan.
Bruce Joseph Giroux, of Pittsburgh, Pa.
Phillip Henry Gochenour, of Charlottesville, Va.
Ritu Goel, of Hawthorne, N.J.
Keow Mei Goh, of Kuala Lumpur, Malaysia.
Jeffrey Martin Gold, of Flemington, N.J.
Lisa Rebecca Goldberg, of Silver Spring, Md.
Mark Mordecai Goldberg, of New York, N.Y.
David Scott Goldman, of Nesconset, N.Y.
Teri Carla Goldman, of Forest Hills, N.Y.
Bruce Daniel Goldstein, of Scarsdale, N.Y.
Marc Allan Goldstein, of Baltimore, Md.
James Edward Gomez, of North Plainfield, N.J.
Margaret Linda Gran, of Glen Head, N.Y.
Christopher Michael Gregory, of Roselle, N.J.
Christine Marie Grey, of Wilmington, Del.
Alice Randolph Griffin, of San Jose, Calif.
Kenneth James Grimm, of Pittsburgh, Pa.
Cary Philip Gross, of Poughkeepsie, N.Y.
Harriet S. Grossman, of Baltimore, Md.
Elizabeth Joan Guard, of Princeton, N.J.
Michael Guido, of Howard Beach, N.Y.
Ravi Gurujal, of Shelbyville, Ill.
Vladimar M. Gutin, of Randallstown, Md.
Sondra Faye Guttman, of Cincinnati, Ohio.
Debra Louise Hamel, of Hamden, Conn.
Anne Marie Helle Hamilton, of Los Angeles, Calif.
Ramy Salah Hanna, of Pittsburgh, Pa.
Anil Kumar Hari, of Roanoke, Va.
William Gregory Harman, of Lake Forest, Ill.
Elizabeth Anne Harmon, of Des Moines, Iowa.
Erik Carson Harrell, of Chevy Chase, Md.
Michael Harrigan, of Malverne, N.Y.
Kathryn Townsend Hart, of Townsend, Del.
Laurie Michelle Hartgrave, of Wenatchee, Wash.
Laura Suzanne Harwood, of Oradell, N.J.
Allyson Ann Hatfield, of Wichita, Kan.
Deborah Janeen Henderson, of Baltimore, Md.
Jennifer Kay Henkle, of Providence, R.I.
Susan Therese Herman, of Rochester, Mass.
Philip Eugene Hess, of Upper St. Clair, Pa.
Peretz Hirshbein, of New York, N.Y.
James Brendan Holland, of Burke, Va.
Donald Keith Holloway, of Takoma Park, Md.
Alyson Marie Holoubek, of Bronx, N.Y.
Andrew David Horowitz, of Warren, N.J.
Curtis Rives Hougland, of Dallas, Texas.
Bruce Christopher Howard, of Coolsville, Texas.
Helen Vivian Hsieh, of Florence, Ala.
Jonathan Field Hubbard, of Shelburne, Vt.
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Heather A. Blackburn, of Hudson Falls, N.Y. Violoncello.
Matthew A. Borrelli, of Elmira, N.Y. Piano.
Marie Seongsyl Cho, of Raleigh, N.C. Piano.
Robert Russell Coddington, of Baltimore, Md. Guitar.
Christian Colberg Becerra, of San Juan, Puerto Rico. Violin.
Gregory Alexander Compy, of Benedict, Md. Music Education.
Clive Eric Davis, of Nairobi, Kenya. Composition.
Juliana Katherine Dills, of Indianapolis, Ind. Violoncello.
Kelley Joanne Dolan, of Bristol, Tenn. Clarinet.
Gretchen Elizabeth Elicker, of York, Pa. Harpsichord.
Aaron James Flood, of San Francisco, Calif. Guitar.
Julia Mary Ford, of Toronto, Canada. Clarinet.
Richard Alan Gill, of Bowie, Md.; B.M. The Johns Hopkins University, 1988. Recording Arts and Sciences.
Elizabeth Ann Gottling, of Cincinnati, Ohio. Violoncello.
John Kenneth Hasenei, Jr., of Ellicott City, Md. Music Education.
Shu-Ting Hsiao, of Cockeysville, Md. Piano.
Trent Xavier Johnson, of Clinton, Md. Organ.
Nayon Kim, of Fountain Valley, Calif. Piano.
Mary Elizabeth Kraatz, of Pittsboro, N.C. Flute.
James Karl Krantz, of Conyers, Ga. Flute.
Rachel Lirtzman, of Brooklyn, N.Y. Percussion.
Matthew Patrick Lyons, of Carlisle, Pa. Tuba and Recording Arts and Sciences.
Angela Claire Madia, of Pittsburgh, Pa. Voice.
Lory Elisabeth McConnell, of Tulsa, Okla. Flute.
Kimberly Christine Mitchell, of McLean, Va. Viola.
Suraya Rehanna Mohamed, of Silver Spring, Md.; B.M. The Johns Hopkins University, 1988. Recording Arts and Sciences.
Daniel R. Nelson, of Stockholm, Sweden. Composition.
Regina Marie Ott, of Willingboro, N.J. Flute.
Clara Jooyoung Park, of Athens, Ga. Piano.
David Brydon Patschke, of Towson, Md.; B.M. The Johns Hopkins University, 1988. Recording Arts and Sciences.
John Gregory Prokop, Jr., of East Lyme, Conn. Composition.
Heather L. Schenck, of Royal Oak, Mich. Violoncello.
Lori Sims, of Broomfield, Colo. Piano.
Domecq Omar Smith, of Fort Worth, Texas. Organ.
Karen Elizabeth Smith, of Pittsford, N.Y. Voice.
Sheldon Jay Steiger, of Huntington, N.Y.; B.M. The Johns Hopkins University, 1988. Recording Arts and Sciences.
Paula Jean Steuernagel, of Excelsior, Minn. Piano.
Atau Tanaka, of Hamden, Conn.; A.B. Harvard College, 1985. Composition and Recording Arts and Sciences.
Erik Anderson Vickers, of Boca Raton, Fla. Piano.
Bing Wang, of Shanghai, China. Violin.
Meejung Yoo, of Richmond, Va. Piano.

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Susanna Chow, of Silver Spring, Md.
Allison Lynn Clayborne, of Falls Church, Va.
Marla Rita Clough, of Chevy Chase, Md.
Carol Teresa Coffey, of Lutherville, Md.
Christine Marie Colt, of Kensington, Md.
Jennifer Lynn Combs, of Forest Hill, Md.
Michele Hope Cootauco, of Cockeysville, Md.
John Joseph Craft, Jr., R.N., of Baltimore, Md.
Kerry Christine Cripe, of Elkhart, Indiana.
Karen Joan Daniels, of Baltimore, Md.
Lisa Ann Dubicki, of Virginia Beach, Va.
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Kara Lee Kehm, of York, Pa.
Kelly Clarke Lykens, of Timonium, Md.; B.S. Towson State University, 1985.
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Anne Rene Quast, of Slippery Rock, Pa.
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Tina Marie Shambaugh, of Cumberland, Md.
Miriam Patricia Spencer, of Baltimore, Md.; B.A. College of Notre Dame of Maryland, 1983.
Charles Lysle Sperling, of Baltimore, Md.
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Mary F. Kemp, of Silver Spring, Md.; B.A. Sacred Heart College, 1981. Applied Behavioral Science.

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Suzanne Marie Levesque, of Baltimore, Md. Education.

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Michael James Begian, of Melvindale, Mich.; B.M. University of Michigan, 1986. Voice.

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Roxanne Hock, of Bloomsburg, Pa.; B.M. Susquehanna University, 1983. Music Education.

Yugo Sava Ikach, of McKeesport, Pa.; B.F.A. Carnegie-Mellon University, 1986. Voice.

Ken Lund Johansen, of Dallas, Texas. Piano.

Kevin Park Kenner, of Coronado, Calif.; B.M. The Johns Hopkins University, 1986. Piano.

Heejoung Kim, of Seoul, Korea; B.M. Ewha Womans University, 1985. Violin.

Hsiu-Fen Lee, of Taipei, Taiwan; B.M. The Johns Hopkins University, 1987. Piano.

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Scott McKay Martin, of Baltimore, Md.; B.M. The Johns Hopkins University, 1988. Composition.

Janet Melnicoff-Brown, of Baltimore, Md.; B.A. University of Vermont, 1987. Music Education.

John David Miller, of Lafayette, La.; B.M. University of Southwestern Louisiana, 1986. Piano.

Yoon-Bok Oh, of Seoul, Korea; B.M. Yonsei University, 1986. Piano.

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Sarah A. Paola, of Detroit, Mich.; B.M. Western Michigan University, 1986. Voice.

Stephen Naeson Prutsman, of Yucaipa, Calif.; B.M. The Johns Hopkins University, 1984. Piano.

Carlos Sanchez Gutierrez, of Guadalajara, Mexico; B.M. Universidad de Guadalajara, 1985. Composition.

Pattie Hurt Scarpati, of Greenbelt, Md.; B.M. Memphis State University, 1985. Piano.

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Laura Jane Schwartz, of Pepper Pike, Ohio; B.A. The College of Wooster, 1987. Voice.

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Hayuru Helena Taina, of St. Louis, Mo.; B.M. Saint Louis Conservatory of Music, 1986. Piano.

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Bo Alexander Veistrup, of Copenhagen, Denmark; B.M. Royal Danish Academy of Music, 1983. Piano.

Judith Louise Weaver, of Pittsburgh, Pa.; The Johns Hopkins University, 1987. Violin.

Carol Anne Westcott, of Seminole, Fla.; B.M. The Johns Hopkins University, 1987. Voice.

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MASTERS OF SCIENCE
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Sue Marie Bass, of State College, Pa.; B.S. Pennsylvania State University, 1986. Biostatistics. *Nonparametric Estimation for Prevalent Cohort Data.*

Anne Marie Damiano, of Baltimore, Md.; B.S. Loyola College, 1986. Biostatistics. *Short Term Projections of Cumulative AIDS Incidence for the United States.*

John Ned Gerber, of Chester, Md.; B.S. Cornell University, 1979. Immunology and Infectious Diseases. *Lead Poisoning of the Black Duck in the Chesapeake Bay.*

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Mahalakshmi Amaresan, of Madras, India. Biomedical Engineering. *Ambulatory Monitoring of Vital Signs for Anxiety Studies.*

Shekar Ganeshan Ayyar, of Satara, India. Electrical and Computer Engineering.

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Brandon Goldfedder, of Philadelphia, Pa. Computer Science.

Gary Andrew Henry, of West Hartford, Conn.; B.S. The Johns Hopkins University, 1988. Computer Science.

Christian Eduard Hoffmann, of Lima, Peru. Electrical and Computer Engineering. *Optical Constants of Infared Active Phonons as a Function of Frequency and Temperature.*

Mohammed Kabirul Islam, of Dhaka, Bangladesh. Civil Engineering.

Masato Iwabuchi, of Tokyo, Japan; B.S. University of Tokyo, 1978; M.S., 1981. Computer Science.

Anand Kapoor, of Bareilly, India. Geography and Environmental Engineering.

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Sarah Elizabeth Levin, of Milwaukee, Wis.; B.S. Duke University, 1988. Geography and Environmental Engineering.

Gary Dale Light, of Lebanon, Pa.; B.S. Bucknell University, 1985. Geography and Environmental Engineering.

Gregory Leo Makar, of Ellicott City, Md.; B.S. Virginia Polytechnic Institute and State University, 1985. Materials Science and Engineering. *Effect of Alloying Elements on the Corrosion Resistance of Rapidly Solidified Magnesium Alloys.*

Balrina Malik, of Bhilai, India; B.S. Ravishankar University, Raipur, 1981; M.S. Indian Institute of Technology, Delhi, 1983; M.Tech., 1985. Chemical Engineering. *Growth and Gas Production for the Hyperthermophilic Archaebacterium: Pyrococcus furiosus.*

Patricia Ann Mallet, of Winchester, Va. Geography and Environmental Engineering.

Julia Lynn Mermelstein, of Okemos, Mich.; B.S. Stanford University, 1987. Geography and Environmental Engineering.

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Michele Rose Mulligan, of East Orange, N.J.; B.S. University of Rhode Island, 1987. Biomedical Engineering.

Steven F. Nemerson, of Potomac, Md.; B.S. Brown University, 1985. Biomedical Engineering. *Calcium Kinetics in the White Skeletal Muscle Sarcoplasmic Reticulum of the New Zealand White Rabbit.*

John Bellis O'Dowd, of Teaneck, N.J.; B.S. United States Military Academy, 1978. Geography and Environmental Engineering.

Saruhan Ozten, of Ankara, Turkey; B.S. Bogazici University, Turkey, 1987. Electrical and Computer Engineering.

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Shanthi Sastry Panchagnula, of Madras, India. Computer Science.

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John Henry Reuter, of Teaneck, N.J. Electrical and Computer Engineering.

John Jeremy Rice, of Bel Air, Md.; B.S. The Johns Hopkins University, 1987. Biomedical Engineering.

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Peter Francis Scholl, of Norfolk, Va. Chemical Engineering.

Balakrishnan Shankar, of Neyveli, India; B.Tech. Indian Institute of Technology, Kharagpur, India, 1986. Biomedical Engineering. *A Study of the Electric Field Distribution in the Heart in the Internal Defibrillation.*

Mikitaro Shobayashi, of Yotsukaido, Japan; B.Agri. University of Tokyo, 1980; M.Agri., 1982. Geography and Environmental Engineering.

John-Scott Smokelin, of Pittsburgh, Pa. Electrical and Computer Engineering.

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Prabhakar Thyagarajan, of Madras, India. Civil Engineering.

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Arturo Trujillo-Ventura, of Gava, Spain. Geography and Environmental Engineering.

James Joseph Watkins, of Rhinebeck, N.Y.; B.S. The Johns Hopkins University, 1987. Chemical Engineering. *An Experimental Program to Determine the Effect of Shear on the Phase Behavior of High Pressure Polymer Solutions.*

MASTERS OF ARTS
in The G.W.C. Whiting School of Engineering

Kathy Lynn Boswell, of Lincoln, Neb. Geography and Environmental Engineering. *Reductive Dissolution of CoOOH: Microbial Exudates and Natural Organic Matter.*

Steven Adam Gabriel, of New York, N.Y. Mathematical Sciences.

Nancy Kolodny, of New York, N.Y. Geography and Environmental Engineering. *Reductive Dissolution of Manganese Oxide Particles by Dimethylphenols.*

Greg Howard Lindsey, of Pontiac, Ill.; B.U.P. University of Illinois at Urbana-Champaign, 1977. Geography and Environmental Engineering.

Alba Torrents, of Vic-Barcelona, Spain. Geography and Environmental Engineering. *Hydrolysis of Carbaryl: The Effect of Mineral Surfaces.*

MASTERS OF ARTS
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Elisa Sigrid Adrian, of Weimer, West Germany. Hispanic and Italian Studies.

Brett Gregory Alten, of Philadelphia, Pa. Physics and Astronomy.

Daniel Dee Anderson, of Cincinnati, Ohio. Writing Seminars.

Jianzhong Bao, of Tianjin, China. Physics and Astronomy.

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Christopher Robert Briggs, of Stockton, Calif.; B.A. The Johns Hopkins University, 1987. Writing Seminars. *Selling Popular Culture: A Critical Analysis of Mass Marketed Images.*

John Edwin Burke, of Kalamazoo, Mich.; B.S. The Johns Hopkins University, 1986. History of Science. *Radicals and Conservatives: Basic Research and Bureaucratic Tradition in the Free Radicals Research Project of the National Bureau of Standards.*

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Taner Edis, of Istanbul, Turkey. Physics and Astronomy.

Ralph Ayoub El-Chami, of York, Pa. Economics.

Mohamed Hassan Elhage, of Baltimore, Md. Economics.

Stephen Guido Engelmann, of North Hornell, N.Y.; B.A. Reed College, 1983. Political Science. *Freedom Versus Process: Hannah Arendt on World Alienation, Technology, and Modern Politics.*

Heidi Ellen Erdrich, of Breckenridge, Minn.; B.A. Dartmouth College, 1986. Writing Seminars. *Sweeping Heaven.*

Caroline Staples Fawcett, of Devils Lake, N.D.; B.A. University of New Mexico, 1975; M.A. American University, 1979. Economics.

Rainer Felbrugge, of Haan, Germany. History. *Catholics in the Progressive Era: F.P. Kenkel and P.E. Dietz in the Formation of Catholic Social Reform.*

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Julie Anna Fulcher, of Jacksonville, Fla. Psychology.

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Elizabeth Ann Gallagher, of Philadelphia, Pa.; B.A. Temple University, 1986. English. *Population Control and the Standard of Living: The Rhetorical Placement of the Irish.*

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Julie Hardwick, of Solihull, England. History.

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Leslie Elizabeth Hatcher, of Louisville, Ky.; B.A. Vanderbilt University, 1988. Writing Seminars. *Ecstatic Observances.*

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Melissa Beth Hirsch, of Waco, Texas. Writing Seminars. *The Adventures of Jacob P. Lipshutz and "Ish Kabibble".*

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Harold Philip Hubbard, of Williamsburg, Ky.; B.A. Rhodes College, 1986. Psychology.

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Michael John Kaufman, of New York, N.Y. Physics and Astronomy.

Jan Horst Keppler, of Schonaich, West Germany. Economics. *The Corporatist Critique and Neoclassical Mainstream Economics-Luigi Amoroso and Heinrich von Stackelberg.*

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Robin Ann Kolodny, of Miami Beach, Fla.; B.A. Florida International University, 1985. Political Science. *The Several Elections of 1824: The Selection of President John Quincy Adams.*

Linda Katherine Kowalcky, of Worcester, Mass.; B.A. Syracuse University, 1982. Political Science. *Tax Policy in Congress: The Enactments of 1954, 1964, and 1981 Tax Reforms.*

Larry David Krasnoff, of Philadelphia, Pa.; B.A. Williams College, 1985. Philosophy.

Deborah Jill Krauss, of New York, N.Y.; History. *Un Empire de Douceur, d'Adresse, et de Conplansance: The Goals of Women's Secondary Education in France, 1850-1914.*

Thomas Christian Kuehls, of Rocky River, Ohio; B.A. College of Wooster, 1985. Political Science. *Strategies of Attunement: A Look at the Rousseauian.*

Timothy Michael Kusky, of Averill Park, N.Y.; B.S. State University of New York, 1983. Earth and Planetary Sciences.

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Stephen Daniel Landy, of Cleveland, Ohio; B.A. The Johns Hopkins University, 1980. Physics and Astronomy.

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David Bradford Marshall, of Concord, Mass.; B.A. Amherst College, 1985. French.

Sidney Maskit, of New York, N.Y.; B.A. State University at Albany, 1982. Political Science. *The Realization of a Scientific Self: Knowledge and Action in Hobbes.*

Robert Ira Matz, of Wilmette, Ill.; B.A. Cornell University, 1986. English.

William T. McCarron, of Lexington, Maine. Classics.

Carole Ann McCurdy, of Chicago, Ill. Writing Seminars. *Believers and Other Stories.*

Sheila Catherine McDonald, of Perth, Scotland. Economics.

James Joseph McGuire, of Flatrock, N.C.; B.A. Brown University, 1985. English.

Kerstin Meiring, of Muenster, West Germany. History. *American Jewish Identities and the European Jewish Situation: 1933-1945.*

Teresa Lynn Michaels, of New Orleans, La. English.

Laura Beard Milroy, of Juneau, Alaska. Hispanic and Italian Studies.

Patricia Ann Miranda, of Belmont Mass. B.A. Harvard College, 1986. Political Science. *The Latent Demands of the American Electorate in the 1988 Presidential Election and the Implications of these Demands: The Americans Talk Security Surveys.*

Philip Andrew Molling, of Baltimore, Md.; B.S. Marietta College, 1975; M.S. Miami University, 1979. Earth and Planetary Sciences.

Eva Sarah Moskowitz, of New York, N.Y.; B.A. University of Pennsylvania, 1986. History.

Mark Thomas Murphy, of New London, Conn.; B.S. University of California, Santa Cruz, 1977.

Kurt William Nagel, of Bellevue, Wash.; B.A. Trinity University, 1988. History.

Robert James Nagle, of New York, N.Y. Writing Seminars. *The Eventual Drowning of Cecil P. Trank and Other Stories.*

Isabel Maria Navarrete, of Potomac, Md. Political Science. *Hispanics and U.S. Foreign Policy.*

Manfred Neumann, of Bechterdissen, West Germany. History. *Refugees and Immigrants: Acculturation of Jewish Emigrants from Nazi Germany in Baltimore.*

Dipti Patel-Misra, of Nagar, India. Chemistry.

Katherine Redwood Penovich, of Washington, D.C.; B.A. Duke University, 1981. History.

Jean-Marc Perelmutter, of Rio de Janeiro, Brazil; B.A. Beloit College, 1986. Physics and Astronomy.

Sara Lilamani Radcliffe, of Madison Wis. Philosophy.

Ashvin Varada Rajan, of Madras, India. Mathematics.

Elizabeth Mary Renker, of Bethpage, N.Y.; B.A. Yale University, 1983. English.

J. Timmons Roberts, of New Rochelle, N.Y.; B.A. Kenyon College, 1983.

Susan de Sola Rodstein, of Eastchester, N.Y.; B.A. Bryn Mawr College, 1984. English.

Andre Michael Ross, of Toledo, Ohio; B.S. St. Olaf College, 1984. Economics.

Patricia Clare Ryan, of St. Louis, Mo.; B.A. University of Virginia, 1985. Chemistry.

Alok Sarkar, of West Bengal, India; B. Tech. Indian Institute of Technology, 1984. Earth and Planetary Sciences.

Onni Schall, of Cleveland, Ohio; B.A. Northwestern University, 1986. Political Science. *Economic Aid and Stability in Senegal.*

Michael John Schell, of Lansing, Mich.; B.S. Indiana University, 1984. Writing Seminars. *A Soft and Melancholy Glow: the Limbic System, Drug Abuse and Synesthesia.*

Michael Siedenhans, of Holte-Stuk, West Germany. History. *'Their Deeds Are Written High up on the Temple of Fame': Veterans' Organizations in Baltimore, 1866-1914.*

Timothy Lowell Smith, of Mount Kisco, N.Y.; B.A. Grinnell College, 1983. Political Science. *Overcoming Inertia: The House Budget Process in Reagan's First Year.*

Scott Howard Sohl, of Syracuse, N.Y. Sociology.

Costas Evagelos Spartiotis, of Athens, Greece. Physics and Astronomy.

Amy Joan Staples, of Hanover, N.H. French.

Anna N. Stathopoulou, of Ithaca, Greece. Sociology.

Philip Alan Stephens, of Glendale, Ariz.; B.A. University of Missouri, 1988. Writing Seminars. *The Ritual of Leaving.*

Lisa Carol Summers, of St. Cloud, Minn. History.

Yan Sun, of Beijing, China; M.A. College of Foreign Affaris China, 1985. Political Science.

Careen K. Tang, of Shanghai, China; B.S. University of Maryland, 1984. Chemistry.

Jacob Gregg Thiessen, of Arcadia, Calif.; B.A. University of Chicago, 1985. History.

Lynn Marie Thomas, of Belleville, Ill. History. *Contestation, Construction, and Reconstitution: The Public Debates Over Marriage Law and Women's Status in Kenya, 1964-1979.*

Thomas Joseph Thomas, of San Antonio, Texas; B.A. California State University, Fullerton, 1984. Psychology.

Michael Eugene Toner, of Orleans, France; B.A. University of Virginia, 1986. Political Science. *The Congressional Budget Process: Its Impact Upon Party Leadership in the U.S. House, 1975-1988.*

Cornelia Liu Trimble, of New York, N.Y.; B.S.E. Princeton University, 1984. Writing Seminars. *Hospital Stories.*

Jeffrey Underweiser, of White Plains, N.Y. History. *President Eisenhower and the Military-Industrial Complex: A Study in Irony.*

Ignacio Valderrama, of Bogota, Colombia. Political Science. *Drugtrafficking, Paramilitary and Guerilla Violence in a Dismantling Consocialtional Political Regime: the Case of Colombia 1978-1986.*

Olaf Vancura, of Santa Clara, Calif. Physics and Astronomy.

Andres Juri Virkus, of Englishtown, N.J.; B.A. Rutgers University, 1985. English.

Tracy Ellen Wallace, of Stanford Calif.; B.A. Connecticut College, 1987. Writing Seminars. *The Contemplation of Eggs and Other Stories.*

Marcy Schwartz Walsh, of Chicago, Ill.; B.A. Syracuse University, 1981. Hispanic and Italian Studies.

Yun Wang, of Shanghai, China. Political Science. *Japan's Role in China Modernization, 1978-1986.*

Marcia Louise Waynant, of Silver Spring, Md. Chemistry.

Kevin Scott Webb, of Enfield, Conn.: B.S. St. Michael's College, 1985. Chemistry.

Silke-Maria Weineck, of Münster, Germany. German.

Mary Beth Wherry, of Baltimore, Md. Psychology. *Complexity of the Possible Self-Concept and Affective Extremity.*

Gregory Keith Williams, of Kingsport, Tenn.; B.A. University of Virginia, 1988. Writing Seminars. *Carmen Sally.*

Greg Wesley Williamson, of Columbus, Ohio; B.A. Vanderbilt University, 1986. Writing Seminars. *The Usual Suspects.*

Sharon Beth Willoughby, of Portales, New Mexico. Psychology.

Renaud Pierre Wilmet, of Brussels, Belgium. Philosophy.

Seanna Stewart Wray, of Austin, Texas. History of Arts.

Yu Wu, of Wuhan, Peoples Republic of China; B.A. Wuhan University, China, 1982; M.A., 1985. History.

Qiang Xiao, of Szhou, Jiangsu, People's Republic of China. Physics and Astronomy.

Lei Xing, of Handan, Peoples Republic of China; B.S. East China Technical University of Water Resources, 1982; M.S. University of Nebraska, 1987. Physics and Astronomy.

Myung Hoon Yi, of Seoul, Korea. Economics.

Qien Zhou, of Shanghai, People's Republic of China; B.S. East China Normal University, 1982. Mathematics.

Andrew Paul Zwicker, of Englewood, N.J. Physics and Astronomy.

DOCTORS OF EDUCATION
in The School of Continuing Studies

Michael Adler, of Randallstown, Md.; M.A. Towson State University, 1975. *A Long Term Follow-Up of First Grade Children at Risk.*

Elizabeth Rubey Dean, of Towson, Md.; M.Ed. Rutgers University, 1966. *Effectiveness of a Model Videotape and Checklist on the Efficiency of Special Education Multidisciplinary Team Meetings.*

Janice G. Derrickson, of Baltimore, Md.; B.H.S. University of Florida, 1980; M.S. The Johns Hopkins University, 1985. *Teaching Self-Administration of Suctioning to Children with Tracheostomies.*

Elizabeth Ann Dicembre, of Baltimore, Md.; M.Ed. Goucher College, 1970. *The Effects of Two Prereading Teaching Strategies on Fifth Grade Students' Comprehension of Expository Writing.*

Diane Camille Fadely, of Ellicott City, Md.; B.A. Mary Washington College, 1965; M.Ed. Loyola College, 1976. *The Effect of Format Modification of the Maryland Functional Mathematics Test-Level I on the Performance of Students with Disabilities.*

Suzanne Burke Walters, of Clifton, Va.; B.A. Purdue University, 1970; M.A. George Washington University, 1972. *The Effects of a Structures Writing Intervention Program on the Written Expression Skills of Students with Physical Disabilities.*

DOCTORS OF MUSICAL ARTS
in The Peabody Conservatory of Music

Kenneth Martin Hanlon, of Las Vegas, Nev.; B.M. Peabody Conservatory of Music, 1963; M.M. Peabody Conservatory of Music, 1965. Trombone. *The Eighteenth-Century Trombone: A Study of Its Changing Role as a Solo and Ensemble Instrument.*

Seth Harte Perlman, of Bronx, N.Y.; B.S. City College of New York, 1973; M.M. The Johns Hopkins University, 1981. Piano. *Tonal Organization Seen Through The Twentieth Century Fugue: The Approach by N.V. Bentzon, R. Shchedrin and D. Shostakovich.*

Nancy Roldan, of Baltimore, Md.; B.A. Universidad Nacional De Cuyo, 1962; B.M. Conservatory of Music of Puerto Rico, 1974; M.M. Peabody Conservatory of Music, 1976. Piano.

Daniel Ross Shapiro, of Corona Del Mar, Calif.; B.M. University of Southern California, 1985; M.M. The Johns Hopkins University, 1987. Piano.

Evan Paul Walker, of Baltimore, Md.; B.A. Towson State University, 1975; M.M. Catholic University, 1979. Voice.

DOCTORS OF SCIENCE
in The School of Hygiene and Public Health

Elizabeth Ahmann, of Washington, D.C.; B.G.S. University of Michigan, 1978; M.S. Pace University, 1980. Maternal and Child Health. *Home Apnea Monitoring and Patterns of Family Life.*

Joel Charles Cantor, of Skokie, Ill.; B.A. University of Wisconsin at Madison, 1979. Health Policy and Management. *The Burden of Financing Health Care in the United States.*

Gail Geller, of New York, N.Y.; B.S. Cornell University, 1976; M.H.S. The Johns Hopkins University, 1979. Health Policy and Management. *Tolerance for Ambiguity: Its Relationship to Medical Students-Attitudes about Alcoholism.*

Andrea Carlson Gielen, of Ellicott City, Md.; B.A. Cedar Crest College, 1974; Sc.M. The Johns Hopkins University, 1979. Health Policy and Management. *The Relationship between Maternal Employment, Day Care, Infant Health and Use of Pediatric Care.*

Kathryn Louise Green, of Abbotsford, Canada; B.A. Simon Fraser University, 1981; M.Sc. Dalhousie University, 1983. Health Policy and Management. *Job Characteristics and Health-Related Behaviors among Chemical Plant Employees.*

Michele Anne Kelley, of Oak Park, Ill.; B.A. University of Akron, 1973; M.S.W. Ohio State University, 1975; M.A., 1978. *Maternal and Child Health. Maternal Satisfaction with Primary Medical Care for Children with Selected Chronic Conditions.*

Lynne Sandra Miller, of Livermore, Calif.; B.A. University of California at Berkeley, 1980; M.H.S. The Johns Hopkins University, 1983. International Health. *Equity in the Context of Community Financing of Primary Health Care: Who Pays and Who Benefits?*

Donna Jeanne Petersen, of Williamsville, N.Y.; B.A. Drew University, 1981; M.H.S. The Johns Hopkins University, 1984. Maternal and Child Health. *Seasonality and the Effects of Month of Conception among Adolescents.*

Carleen Harriet Stoskopf, of Harmony, Minn.; B.S. Valparaiso University, 1975; M.S. University of Minnesota, 1977. Health Policy and Management. *The Computerized Psychiatric Severity of Illness Index as a Predictor of Length of Hospital Stay for Psychiatric Inpatients.*

Mary E. Stuart, of Baltimore, Md.; B.A. University of North Carolina, 1971. M.C.P. University of Maryland, 1974. Health Policy and Management. *Practice Variation in Ambulatory Care: Utilization, Cost, and Preventive Care for Medicaid Users.*

Ludmila Zawistowich, of Hyattsville, Md.; B.S. University of Maryland, 1977; M.A. Indiana University, 1980; M.H.S. The Johns Hopkins University, 1983. Health Policy and Management. *Impact of Changes in Medicaid Payment Policies on Psychiatric Episodes of Care.*

DOCTORS OF PUBLIC HEALTH
in The School of Hygiene and Public Health

Bythel Dean Dutton, of Potomac, Md.; B.S. Baylor University, 1951; M.D., 1954; M.P.H. University of California at Berkeley, 1970. Population Dynamics. *Family Planning Clinic Effectiveness: An Alternative Perspective.*

Merle Josephine Lewis, of Port of Spain, Trinidad and Tobago; B.Sc. University of the West Indies, 1976; M.P.H. Yale University, 1980. Immunology and Infectious Diseases. *Human Papillomavirus Infections and Other Risk Factors as Determinants of Cervical Intraepithelial Neoplasia in Trinidad and Tobago, W.I.*

Peggy J. McGauhey, of Asheville, N.C.; B.S.N. University of Maryland, 1978; M.P.H. The Johns Hopkins University, 1980. Health Policy and Management. *The Relationship of Social Environment to Child Health Status.*

Marta Imelda Medina, of Leon, Nicaragua; M.D. National Autonomous University of Nicaragua, 1981; M.P.H. The Johns Hopkins University, 1985. Health Policy and Management. *Evaluation of Regionalization of Health Services in Nicaragua: A Comparison Study of PIAAS and non-PIAAS Health Units.*

Jayaprakash Muliyil, of Vellore, India; M.B.B.S. University of Madras, 1975; M.D.. 1981; M.P.H. The Johns Hopkins University, 1986. Epidemiology. *Effect of BCG on the Risk of Leprosy in an Endemic Area: A Case Control Study.*

Jenny Ruducha, of Baltimore, Md.; B.S.N. Fairfield University, 1978; M.P.H. The Johns Hopkins University, 1981. Health Policy and Management. *Determinants of Health Status and Use of Health Services by Migrant Children.*

Gary Alan Smith, of Watsonville, Calif.; M.S. Stanford University, 1975; M.D. University of Southern California, 1979; M.P.H. The Johns Hopkins University, 1983. Maternal and Child Health. *Correlates of Infant Death due to Injury.*

Andrea Vernice Kidd Taylor, of Sylacauga, Ala.; B.S. Howard University, 1976; M.S.P.H. University of Alabama in Birmingham, 1982. Health Policy and Management. *Psychosocial Job Characteristics and Hypertension: A Study of Black Women in the Maryland Labor Force.*

DOCTORS OF PHILOSOPHY
in The School of Hygiene and Public Health

Paul Stuart Albert, of Laurel, Md.; B.A. Oberlin College, 1981. Biostatistics. *Design and Analysis of a Panel Study for Estimating Durations and Point Prevalence in a Two-State Recurrent Illness Process.*

Christine Loehrlein Alfano, of Huntsville, Ala.; B.S. Rensselaer Polytechnic Institute, 1981. Biochemistry. *A Molecular Model for Initiation of Bacteriophage Lambda DNA Replication.*

Andrew William Arthur, of Northfield, Minn.; B.A. Macalester College, 1983. Epidemiology. *Risk of* M. tuberculosis *Infection Cross-Sectional Study.*

Lo-Chun Au, of Taipei, Republic of China; B.S. National Taiwan University, 1975; M.S., 1978. Biophysics. *Two General Methods for Detecting Genome Rearrangements.*

Bradley Owen Boekeloo, of Baltimore, Md.; B.A. Kalamazoo College, 1981; Sc.M. The Johns Hopkins University, 1984. Behavioral Sciences and Health Education. *Evaluation of Strategies for Increasing Intern Cholesterol Management Practices in Inpatients.*

Fatorma Karmo Bolay, of Bolahun, Liberia; B.Sc. Cuttington College, 1975; M.Sc. University of Bridgeport, 1980. Immunology and Infectious Diseases. *Biological Control and Fauna Assessment* of Anopheles gambiae *Vector of Malaria Breeding in Rice Fields in Liberia, West Africa.*

Cindy L. Bowser, of Grove City, Pa.; B.S. Grove City College, 1980; M.S. University of Pittsburgh, 1981. Environmental Health Sciences. *An Investigation of the Potential of 31-Phosphorus Nuclear Magnetic Resonance Spectroscopy to Predict Radiation Sensitivity.*

Herbert Sidney Bresler, of Silver Spring, Md.; B.S. University of Maryland, 1978; B.S., 1980. Immunology and Infectious Diseases. *Identification of Autoantigenic Determinants on Human Thyroglobulin using Monoclonal Antibodies: A Study of Juvenile Thyroiditis Patients and their Families.*

Paul Roger Caron, of Killingly, Conn.; B.S. Rensselaer Polytechnic Institute, 1982. Biochemistry. *Dynamics and Control of UvrABC Enzyme Activity.*

Jacqueline S. Coberly, of Highland, Md.; B.S. University of Maryland, 1979; M.H.S. The Johns Hopkins University, 1981. Epidemiology. *A Comparison of the Immunogenicity of the Standard and Two Low-Dose Hepatitis B Vaccine Regimens in Infants.*

Carol Ann Derby, of Export, Pa.; B.A. Brown University, 1981. Epidemiology. *The Use of Population Controls in a Study of Arteriographically Defined Coronary Artery Disease.*

Kay Dickersin, of Baltimore, Md.; B.A. University of California at Berkeley, 1974; M.A., 1975. Epidemiology. *Publication and the Meta-Analysis of Clinical Trials.*

Jonathan David Dinman, of Rockville, Md.; B.A. Oberlin College, 1980. Immunology and Infectious Diseases. *Identification, Characterization and Expression of cDNA Sequences from* onchocerca volvulus *Encoding: A Microfilarial Surface Antigen and Glyceraldehyde-3-Phosphate Dehydrogenase.*

Lou Ann Holtzinger Eader, of Frederick, Md.; B.A. Washington and Jefferson College, 1975; Sc.M. Georgetown University, 1979. Immunology and Infectious Diseases. *Dominant Selectable Retroviral Vectors for Transformation of Human Cells.*

Eltigani Eltahir Eltigani, of Omdurman, Sudan; B.Sc. University of Khartoum, 1978; M.A. University of California at Santa Barbara, 1981. Population Dynamics. *The Socio-Economic Aspects of Child Health in Gezira, Sudan.*

Ann Elisabeth Elwan, of Arlington, Va.; B.A. Oklahoma State University, 1968; M.A. University of Missouri, 1970. Population Dynamics. *Fertility in Urban Squatter Settlements in Jordan: A Micro-Economic Analysis.*

Mary Jo Steele Fackler, of Baltimore, Md.; B.S.M.T. Marquette University, 1975. Immunology and Infectious Diseases. *Characterization of the Human Hematopoietic Progenitor Cell Antigen, CD34/MY10.*

Ellen Pauline Fischer, of New York, N.Y.; B.A. Douglass College, 1967; M.P.A. New York University, 1980. Epidemiology. *Suicide by Jumping in the City of New York.*

Herman Jones Gibb, of Alexandria, Va.; B.S. Pennsylvania State University, 1970; M.P.H. University of Pittsburgh, 1974. Epidemiology. *The Effect of Smoking on the Recurrence and Progression of Human Bladder Cancer.*

Steven Neil Goodman, of Bay Shore, N.Y.; B.A. Harvard University, 1976; M.D. New York University, 1981; M.H.S. The Johns Hopkins University, 1988. Epidemiology. *Evidence and Clinical Trials.*

Siobán Denise Harlow, of Ridgewood, N.J.; B.A. University of California at Berkeley, 1980. Epidemiology. *The Association Between Weight, Exercise and Stress and Variation in Menstrual Bleeding Patterns in a Cohort of College Women.*

Bret Aaron Hassel, of Ashton, Md.; B.A. University of Miami, 1981. Biophysics. *The 2',5'oligoadenylate System in Normal and Transformed Syrian Hamster Cells: Investigations of Activity and Function.*

Judith Ann Hewitt, of Ashton, Md.; B.S. Albright College, 1981. Biophysics. *Growth-Related Changes in Poly(I)-Poly(C) Inducibility of the Human Beta-Interferon Gene.*

Eric L. Hildebrand, of Orange, Conn.; B.A. The Johns Hopkins University, 1972; M.S. University of Miami, 1977. Environmental Health Sciences. *The Reaction of Externally-generated Singlet Oxygen with Nucleic Acids.*

David L. Huso, of Baltimore, Md.; D.V.M. Iowa State University, 1980. Immunology and Infectious Diseases. *Glycosylation of Caprine Arthritis Encephalitis Virus Defines the Biological Properties of the Virus.*

Pauline Evadne Banton Jolly, of Baltimore, Md.; M.S. Tuskegee University, 1977; Ph.D. Louisiana State University, 1980; M.P.H. The Johns Hopkins University, 1984. Immunology and Infectious Diseases. *Modulation of Early Events in the Lentiviral Life Cycle: Effects of Interfering Viral Particles and Immune Sera.*

Aparna Mahesh Koppikar, of Great Falls, Va.; M.B.B.S. Bombay University, 1968; M.D., 1974. Epidemiology. *Can Hypertension Be a Predictor of Clinical Diabetes Mellitus?*

Bernadine Barbara Kuchinski, of Cincinnati, Ohio; B.S.N. Adelphi University, 1967; M.S. University of North Carolina, 1975. Environmental Health Sciences. *The Effects of Shift Work on Menstrual Dysfunction in Nurses.*

Ann Marie Lawler, of Baltimore, Md.; B.A. Mount Holyoke College, 1980. Biochemistry. *Patterns of Immunoglobulin Variable Gene Rearrangements in Fetal and Neonatal B Cells.*

Nina S. Levy, of Baltimore, Md.; B.A. University of Wisconsin, 1981. Biochemistry. *Somatic Mutation of Immunoglobulin Genes.*

Shwu-Bin Lin, of Taipei, Republic of China; B.S. National Taiwan University, 1975; M.S., 1982. Biophysics. *Studies of Oligodeoxyribonucleoside Methylphosphonate-Nucleic Acid Interaction.*

Nancy Elizabeth Heer Maestri, of Silver Spring, Md.; B.A. Cornell University, 1968. Epidemiology. *The Familial Aggregation of Congenital Cardiovascular Malformations.*

David Richardson McKusick, of Columbia, Md.; B.A. Harvard University, 1963. Population Dynamics. *Economic Determinants of Child Spacing in Small U.S. Families.*

Irma Laurice Mebane, of Gaithersburg, Md.; B.S. Howard University, 1971; M.S.W. Catholic University, 1973; M.S. University of Texas, 1975. Epidemiology. *Depressive Symptomatology and Subsequent Morbidity: A Followup Study of Washington County, Maryland Residents.*

Catharie Conway Nass, of Baltimore, Md.; B.A. Immaculata College, 1957; M.Ed. The Johns Hopkins University; 1973. Epidemiology. *Parental Occupational Exposures and Astrocytoma in Children under Ten Years of Age in the Greater Delaware Valley.*

Francis Claude Notzon, of Kensington, Md.; B.A. University of Texas at Austin, 1970. M.S. University of Wisconsin at Madison, 1973. M.A., 1974. Population Dynamics. *Factors Associated with Low Birth Weight Among Mexican Americans and Mexicans.*

Patricia O'Campo, of Fair Oaks, Calif.; B.S. University of California at Berkeley, 1983. Epidemiology. *Association between Maternal Smoking during Pregnancy and Birth Prevalence of Neural Tube Defects and Oral Clefts.*

Dalton Gordon Paxman, III, of San Leandro, Calif.; B.A. University of California at Santa Barbara, 1980; M.A., 1982. Environmental Health Sciences. *Studies on the Metabolism of Triphenylphosphate by Carboxylesterases and Human Monocytes.*

Suyue Qian, of Shanghai, People's Republic of China; M.D. Shanghai Medical College, 1977. Environmental Health Sciences. *Airway Reactivity and its Diurnal Variation in Hamsters.*

Anne Gorelick Rosenwald, of Frederick, Md.; B.A. Hood College, 1982. *Biochemistry. Biochemical and Genetic Characterization of Lec9 CHO Glycosylation Mutants.*

Diouratie Sanogo, of Farakala, Mali; Population Dynamics. *Determinants of Breastfeeding and Amenorrhoea Duration and Their Fertility Impact in Mali.*

Carlos Pedro Santos-Burgoa Zarnecki, of Mexico City, Mexico; B.Sc. Centro Universitario Mexico, 1972; M.D. Universidad Nacional Autonoma Mexico, 1979; M.P.H. The Johns Hopkins University, 1982. Epidemiology. *Case-Control Study of Lympho-Hemopoietic Malignant Neoplasms within a Cohort of Styrene-Butadiene Polymerization Workers.*

Haruna Rashid Sesay, of Freetown, Sierra Leone; B.Sc. London University, 1968; M.Sc. Glasgow University, 1971. Immunology and Infectious Diseases. *Transmission Dynamics of Onchocerciasis in the Forest-Savanna Mosaic Region of Northern Sierra Leone.*

Mona Caesar Shediac, of Baltimore, Md.; B.A. American University of Beirut, 1982; M.S. University of Texas, 1985. Behavioral Sciences and Health Education. *Decision-Making in Seeking Cervical Cancer Screening among High-Risk Women: The Impact of Community Volunteers.*

Orhan Hussein Suleiman, of Laurel, Md.; B.S. University of Florida, 1970; M.S., 1972. Environmental Health Sciences. *Development of a Method to Calculate Organ Doses for the Upper Gastrointestinal Fluoroscopic Examination.*

Joanne Eileen Sweeney, of Los Angeles, Calif.; B.A. Wellesley College, 1979; M.P.H. University of California at Berkeley, 1981. Environmental Health Sciences. *Developmental, Neurochemical and Functional Properties of the Cholinergic Basal Forebrain in Mice.*

Feng-Jyu Tang, of Taipei, Republic of China; B.S. National Taiwan University, 1979; M.S., 1981. Biophysics. *Studies on Expression of Human beta-Interferon mRNA and Its Relationship towards Cell-cycle and Cell Ploidy.*

Dawn Marie Upchurch, of Seattle, Wash.; B.A. Stanford University, 1980. Population Dynamics. *The Effects of Early Childbearing on High School Completion Among Recent Cohorts of American Women.*

Tzyy-Choou Wu, of Taipei, Republic of China; M.D. National Taiwan University, 1982; M.P.H. The Johns Hopkins Univesity, 1985. Immunology and Infectious Diseases. *Transcriptional Regulatory Elements in the Noncoding Region of Human Papillomavirus Type 6.*

DOCTORS OF PHILOSOPHY
The Paul H. Nitze School of Advanced International Studies

S. Imtiaz Hussain Bokhari, of Lahore, Pakistan; B.Sc. Government College Lahore, 1957; M.Sc. Quaid-i-Azam University, 1979. The Superpowers and Third World Conflicts: A Study in Comparative Crisis Management.

Proctor Page Reid, of Randolph, Vermont; B.A. Dartmouth College, 1979; M.A. S.A.I.S. The Johns Hopkins University, 1983. Private and Public Regimes: International Cartelization of the Electrical Equipment Industry in an Era of Hegemonic Change, 1919-1939.

Sarah Stevens, of North Caldwell, N.J.; B.A. Douglass College, 1975; M.A. S.A.I.S. The Johns Hopkins University, 1977. Preferential Procurement in Canada: Economic Cost for Political Benefit?

Kenneth G. Weiss, of Oak Lawn, Ill.; B.A. Loyola University,1971; M.A. University of Illinois, 1975; M.A. S.A.I.S. The Johns Hopkins University, 1977. The Strategic Triangle and Sino-Soviet Crises.

DOCTORS OF MEDICINE
in the School of Medicine

Robert W. Allen, of Bartlesville, OK; B.S., Oklahoma State University, 1985.

Andrew William Arthur, of Northfield, MN; B.A., Macalester College, 1983.

William Arthur Baker, of Humboldt, IA; B.S.E., University of Iowa, 1985.

Charles Dennis Barton, Jr., of Talledega, AL; A.B., Brown University, 1985.

Nancy Elizabeth Bell, of Canton, MA; B.S., Bates College, 1985.

Kevin Gregg Billingsley, of Boulder, CO; B.S., Stanford University, 1985.

Robert Arnold Bok, of Uniontown, MO; B.S., Valparaiso University, 1980; Ph.D., University of Illinois (Champaign-Urbana), 1984.

Mathias Per Gunnar Bostrom, of McLean, VA; B.A., University of Virginia, 1985.

Arthur Michael Brant, of Pittsburgh, PA; B.S.E., Ph.D., University of Pittsburgh, 1978; 1986.

Damian Alexander Brezinski, of Nanticoke, PA; B.S., King's College (Pennsylvania), 1984.

Nancy Vanessa Brown-Holt, of Baltimore, MD; Sc.B., Brown University, 1985.

Lori Viscogliosi Calabrese, of Dearborn Heights, MI; B.A., Wellesley College, 1985.

Deborah Jeannean Carver, of Clyde, NC; B.S., University of North Carolina (Chapel Hill), 1985.

Helen Chan, of Baltimore, MD; B.A., University of Maryland (Baltimore County), 1985.

Susanna Mink Chan, of Irvine, CA; B.S., California Institute of Technology, 1985.

Peter Wonjin Cho, of Phoenix, MD; A.B., Harvard College, 1985.

Douglas Paul Clark, of Baltimore, MD; B.A., Northwestern University, 1983.

Bruce Jeffrey Cohen, of Freehold, NJ; B.A., Johns Hopkins University, 1985.

Alexander Dimitrios Colevas, of Washington, D.C.; B.A., Columbia University, 1985.

Kim Lynette Cooper, of Mesa, AZ; B.S., Colorado State University, 1980.

Eric Steven Csortan, of West Seneca, NY; B.A., Canisius College, 1985.

Leigh Ann Curl, of Pittsburgh, PA; B.S., University of Connecticut, 1985.

Mohamad Reza Dana, of Tehran, Iran; B.A., Johns Hopkins University, 1985.

Andrew Nelson delaTorre, of Bayside, NY; B.A., Queens College (New York), 1984.

Scott Ferris Dowell, of Richardson, TX; B.A., Wesleyan University, 1985.

Carolann Eisenhart, of Milledgeville, GA; B.S., University of Georgia, 1985.

Howard Robert Epps, of Washington, D.C.; A.B., Harvard College, 1985.

Charles Byron Faulkner, of Kansas City, MO; A.B., University of Missouri (Columbia), 1985.

Ann Catherine Fitzgerald, of East Meadow, NY; A.B., Princeton University, 1985.

Mary Ellen Ford, of McAdoo, PA; B.A., Temple University, 1984.

Damirez Toruvio Fossett, of Baltimore, MD; B.S., Yale University, 1985.

John Leonard Fox, of Towanda, IL; B.S., University of Illinois (Urbana), 1983,

Karen Ann Frank, of Blue Bell, PA; B.S., Wheaton College (Illinois), 1984.

Kevin Lawrence Gardner, of Bound Brook, NJ; B.S., Yale University, 1979; Ph.D., Johns Hopkins University, 1986.

Thomas Lee Gautsch, of San Diego, CA; B.S., University of California (San Diego), 1985.

Allan Charles Gelber, of Toronto, Canada; B.A., Tufts University, 1984; M.P.H., Johns Hopkins University, 1988.

Robert Edgardo Gerszten, of Richmond, VA; B.A., University of Virginia, 1985.

Sanford J. Gips, of Beachwood, OH; B.S., University of Michigan (Ann Arbor), 1985.

Marshall Jay Glesby, of Manitoba, Canada; B.S., McGill University, 1985.

Deborah Golant, of Altoona, PA; B.S., Pennsylvania State University, 1985.

Robert Todd Goldman, of Maplewood, NJ; B.A., Yale University, 1985.

Taylor Reynolds Graves, of Tulsa, OK; B.S., Brown University, 1985.

Kenneth Scarborough Green III, of Oakland Park, FL; B.S., Florida State University, 1985.

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Daniel Douglas Smith, of Squantum, MA; B.S., Brown University, 1984.

Larry Allen Sonna, of Irapuato, Mexico; B.S., Southern Methodist University, 1980.

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Rebecca Susan Stover, of Decatur, AL; B.S., Auburn University, 1985.

Sara Katherine Sweetser, of Edina, MN; B.S., University of Notre Dame, 1985.

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Ilene Theresa Timko, of Hubbard, OH; B.S., Ohio State University, 1985.

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Karen Leigh Watson, of Spartanburg, SC; B.S., University of South Carolina (Columbia), 1985.

Jed Paul Weber, of Robinson, IL; B.A., Wabash College, 1984.

Ann Kay Weinbaum, of Philadelphia, PA; B.A., Barnard College, 1985.

Gregory Mark Welsh, of Dallas, TX; B.S., Duke University, 1985.

Marc Spencer Werner, of Lawrence, NY; Sc.B., Brown University, 1984.

Kerri Michelle Woodberry, of Nashville, TN; B.A., Vanderbilt University, 1985.

Beth Ann Zarkin, of Sudbury, MA; B.A., Yale University, 1985.

Howard Craig Zisser, of Jacksonville, FL; B.S., University of Florida, 1985.

DOCTORS OF PHILOSOPHY
in The School of Medicine

Mehrshid Alai, of Lachine, Quebec, Canada; B.Sc., Concordia University, 1982. Biochemistry, Cellular and Molecular Biology Training Program-Pharmacology and Molecular Sciences. *Applications of Plasma Desorption Mass Spectrometry to the Analysis of Bioactive Peptides.*

Richard Frederick Ambinder, of Columbia, MD; A.B., Harvard College, 1975; M.D., Johns Hopkins University, 1979. Pharmacology and Molecular Sciences. *Epstein-Barr Virus Nuclear Antigen-1: Characterization of the DNA-Binding and Specific Transcriptional Transactivation Properties.*

Caleb K. Charny, of Dobbs Ferry, NY; B.S., State University of New York at Buffalo, 1983. Biomedical Engineering. *Bioheat Transfer During Thevapeutic Hyperthermia.*

Gregory Paul Einhorn, of Newark, DE; B.A., University of Delaware, 1974. D.D.S., Georgetown University, 1978. Molecular Biology and Genetics Program in Immunology. *Biochemical and Molecular Analysis of Murine Class I Qa-2 Antigens.*

Kenneth Howard Fasman, of New City, NY; B.S.E., Princeton University, 1981. Biomedical Engineering. *An Analysis of the Differentiation of Neural Pattern Representations in the Somatosensory System.*

David A. Gay, of Austin, TX; B.A., University of Maryland, Baltimore County, 1984. Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. *B Tubulin Regulation: Autoregulatory Control and Isotype Selectivity.*

Teri Goldsand Hall, of Morton Grove, IL; B.S., University of Illinois at Urbana-Champaign, 1983. Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology and Anatomy. *Regulatory Domains of Ankyrin.*

Dale Hereld, of Los Altos, CA; B.S., University of California (Davis), 1981. Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. *A Glycosyl-phosphatidylinositol-specific Phospholipase C of African Trypanosomes.*

Jay L. Hess, of Baltimore, MD; B.A., Johns Hopkins University, 1982. Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. *Mutational Analysis of Transcriptional Control Elements in the Visna Virus Long Terminal Repeat.*

Yaw-Huei Hsiang, of Taiwan, Republic of China; M.B., National Taiwan University, College of Medicine, 1981. Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. *DNA Lesions Induced by Mammalian Topoisomerase Inhibitors.*

David Thomas Jones, of Central Point, OR; B.S., Oregon State University, 1984. Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. *GTP-Binding Proteins and Signal Transduction in the Vertebrate Olfactory System.*

Achsah Dorsey Keegan, of Laurel, MD; B.S., Duke University, 1983. Molecular Biology and Genetics Program in Immunology. *The Structure and Function of the Murine B Lymphocyte FcERII and its Soluble Fragment.*

Jessica Lapchuk Krakow, of White Plains, NY; B.A., Johns Hopkins University, 1982. Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. *A Glycolipid Precursor of the Variant Surface Glycoprotein and a Related Glycolipid of Trypanosoma brucei.*

Athan Kuliopulos, of North Reading, MA; B.S., Rensselaer Polytechnic Institute, 1983. Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. *Elucidation of the Catalytic Mechanism of Ketosteroid Isomerase by Combined Spectroscopic Kinetic, and Molecular Biological Methods.*

Se-Jin Lee, of Baltimore, MD; A.B., Harvard College, 1981. Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. *Analysis of a Placental Prolactin-related Glycoprotein Secreted by Cultured Cells.*

Paul Michael Lieberman, of East Meadow, NY; A.B., Cornell University, 1983. Pharmacology and Molecular Sciences. *Transactivation of Latent Epstein-Barr Virus: Evidence for an AP-1/Fos-like Family of Cellular and Viral Regulatory Proteins in the Tissue Specific Activation of EBV.*

Patrick J. Loll, of Arlington, VA; B.Ch.E., Catholic University of America, 1981. Biochemistry, Cellular and Molecular Biology Training Program-Biophysics. *Crystallographic Studies of Wild-type and Mutant Forms of Staphylococcal Nuclease.*

Steven A. Madreperla, of Baltimore, MD; B.S., University of Vermont, 1981; M.S., Massachusetts Institute of Technology, 1983. Neuroscience. *Development and Maintenance of Structural and Molecular Polarity in Retinal Photoreceptors.*

William Clarence Miller, of Binghamton, NY; A.B., Princeton University, 1981; M.D., Johns Hopkins University, 1985. Neuroscience. *Examination of the Motor Abnormalities and Changes in Neuronal Activity in the Globus Pallidus in the Primate MPTP Model of Parkinsonism.*

Timothy Hugh Murphy, of Bethesda, MD; B.S., St. Mary's College of Maryland, 1984. Pharmacology and Molecular Sciences. *Glutamate Toxicity in a Neuronal Cell Line Involves Inhibition of Cystine Uptake Leading to Oxidative Stress.*

Alan Wayne Partin, of Grenada, MS; B.A., University of Mississippi, 1983. Pharmacology and Molecular Sciences. *The Development of a System for the Quantitative Analysis of Tumor Cell Motility: Application to Prostate Cancer.*

Jon Nels Peterson, of Salt Lake City, UT; B.S., Cornell University, 1983. Biomedical Engineering. *A Study of the Mechanisms Underlying Relaxation in Isolated Mammalian Cardiac Muscle.*

Jonathan Abram Pevsner, of Baltimore, MD; B.A., Haverford College, 1983. Pharmacology and Molecular Sciences. *Molecular Characterization of an Odorant-binding Protein.*

David Laurence Rimm, of Watertown, WI; B.S., University of Wisconsin (Madison), 1981. Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology and Anatomy. *Structure-Function Relationships of Myosin: A Molecular Biological Approach.*

William Cudebec Rose, of Cataumet, MA; A.B., Harvard College, 1981. Biomedical Engineering. *Two-Port Analysis of Systemic Venous and Arterial Impedance Using Random Noise.*

James Edward Russo, of Crown Point, IN; B.A., Illinois Wesleyan University, 1984. Pharmacology and Molecular Sciences. *Studies on Aldehyde Dehydrogenase and Its Role in Cyclophosphamide Resistance.*

Kathleen Ann Ryan, of Desamparados, San Jose, Costa Rica; Lic. University of Costa Rica, 1978; M.S. 1982. Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. *Replication of Kinetoplast DNA Minicircles in Trypanosoma Equiperdum.*

Mario David Saltarelli, of Baltimore, MD; B.S., University of Illinois (Urbana), 1982; M.D., Johns Hopkins University, 1986. Neuroscience. *Studies on the Regulation of High-affinity Choline Uptake.*

Larry Allen Sonna, of Irapuato Gto., Mexico; B.S., Southern Methodist University, 1980. Physiology. *The Mechanism of Sugar Phosphate Transport by Bacteria.*

Joseph Perry Steiner, of Allentown, PA; B.S., Lehigh University, 1983; Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology and Anatomy. *Nearest Neighbor Analysis for Brain Spectrin and Synapsin I.*

Michael James Tiemeyer, of Baltimore, MD; B.A., Johns Hopkins University, 1982. Neuroscience. *Receptors for Gangliosides in the Central Nervous System.*

Mark Paul Emanuel West, of Baltimore, MD; B.S., University of California, Berkeley, 1982. Biochemistry, Cellular and Molecular Biology Training Program–Neuroscience. *Expression and Post-translational Processing of Human Neuropeptide Y in* Saccharomyces cerevisiae.

DOCTORS OF PHILOSOPHY
in The G.W.C. Whiting School of Engineering

Bernard Oswald Bauer, of Los Angeles, Calif.; B.Sc. University of Toronto, 1979; M.Sc., 1982. Geography and Environmental Engineering. *Nearshore Morphodynamics and the Relative Role of Low Frequency Wave Motion.*

Arthur Todd Benjamin, of Cleveland, Ohio; B.S. Carnegie-Mellon University, 1982; M.S.E., 1985. Mathematical Sciences. *Turnpike Structures for Optimal Maneuvers.*

Douglas Miller Blough, of Baltimore, Md.; B.S. The Johns Hopkins University, 1984; M.S.E. The Johns Hopkins University, 1986. Computer Science. *Fault Detection and Diagnosis in Multiprocessor Systems.*

Thierry Bruno Cassagne, of Gaithersburg, Md.; Diplome, l'Universite de Poiters, 1979; Certificate, l'Universite de Technologie de Compiegne, 1983. Materials Science and Engineering. *Oxide Formation and Transgranular Stress Corrosion Cracking of Copper.*

Howard Chen, of Baltimore, Md.; M.S.E. The Johns Hopkins University, 1986. Mechanical Engineering. *Stability Conditions for Steady Shearing: Stability Conditions for Simple Shear under Mixed Thermal Boundary Conditions.*

Ralph F. Cohn, of Worcester, Mass.; B.S. Tufts University, 1977; M.S. University of Rhode Island, 1979; M.S. The Johns Hopkins University, 1987. Materials Science and Engineering. *Theory, Systems Design, and Characterization of a Novel Full-Field Imaging Ellipsometer.*

Fazl Ehsan, of Dhaka, Bangladesh. Civil Engineering. *The Vortex-Induced Response of Long, Suspended-Span Bridges.*

Edwin Matthew Hackett, of New York, N.Y.; B.S. Virginia Polytechnic Institute and State University, 1980; M.S.E. The Johns Hopkins University, 1985. Materials Science and Engineering. *Effects of High Rate Shear on the Microstructure and Deformation and Fracture Behavior of Two High Strength Steels.*

Robert Clinton Hoffman, of Bethesda, Md.; B.S. Loyola College, 1982; M.S.E. The Johns Hopkins University, 1987. Materials Science and Engineering. *Resonant and Non-Resonant Nonlinear Optical Phenomena Observed in Indanthrone and Hydrazone Derivatives of Aromatic Aldehydes.*

Timothy Ming Hsieh, of Baltimore, Md.; B.E.S. The Johns Hopkins University, 1983; M.S.E., 1985. Materials Science and Engineering. *Nondestructive Interface Characterization by Leaky Interface Waves.*

Md. Saiful Islam, of Dhaka, Bangladesh; B.Sc. Bangladesh University of Engineering and Technology, 1983; M.S.E. The Johns Hopkins University, 1987. Civil Engineering. *Modal Coupling and Wind-Induced Vibration of Tall Buildings.*

Gang Jin, of Shanghai, China; M.S.E. The Johns Hopkins University, 1985. Chemical Engineering. *Thermodynamics of Electrolyte Solutions.*

Robert Gary Kelly, of Philadelphia, Pa.; B.E.S. The Johns Hopkins University, 1984; M.S.E., 1986. Materials Science and Engineering. *The Passivity of Iron in Non-Aqueous and Mixed Solvents.*

Michael Anthony Krainak, of Washington, D.C.; B.E.E. Catholic University, 1979; M.S. The Johns Hopkins University, 1984. Electrical and Computer Engineering. *Two Wave Mixing in Photorefractive Materials with Applied Alternating Electric Fields.*

Peter Kroll, of Millburn, N.J.; B.A. The Johns Hopkins University, 1976; M.S.E., 1986. Geography and Environmental Engineering. *The Multiple-Depot, Multiple-Tour, Multiple-Stop Delivery Problem.*

Judy Sue LaKind, of Baltimore, Md.; B.A. The Johns Hopkins University, 1982; M.S. University of Wisconsin - Madison, 1984. Geography and Environmental Engineering. *The Reductive Dissolution of Goethite and Heatite by Phenolic Reductants.*

Shu-Wing Li, of Hong Kong; B.Sc. The Chinese University of Hong Kong, 1977; M.A. The Johns Hopkins University, 1983. Electrical and Computer Engineering. *Studies of Rayleigh and Lamb Waves Interacting with Light.*

John Ronald Lindner, of Hamburg, West Germany; B.E.S. The Johns Hopkins University, 1983. Chemical Engineering. *Simulation of Gas Absorption with Chemical Reaction: The Selective Removal of Hydrogen Sulfide by Aqueous Methyldietanolamine in Packed Columns.*

Roy Christopher Mathias, of Calcutta, India; B.A. Corpus Christi College at Cambridge, England, 1984; M.S.E. The Johns Hopkins University, 1986. Mathematical Sciences. *Matrix Inequalities.*

Michael Patrick McKenna, of Montreal, Canada; B.Com. McGill University, 1981. Computer Science. *Applications of Arrangements to Geometric Problems in Higher Dimensions.*

Robert Addison Peattie, of Greenwich, Conn.; B.S. Trinity College, 1979. Chemical Engineering. *Fluid Mechanics of Respiration: I and II. Heat Transfer in Oscillatory Flows in Straight and Conical Tubes, III. Velocity Fields in Oscillatory Flows in Bifurcating Tubes.*

Louis Carlyle Phillips, of Louisville, Ky.; B.S.E.E. Purdue University, 1981; M.S.E. The Johns Hopkins University, 1985. Materials Science and Engineering. *The Investigation of the Fundamental Limits of Heterodyne Holographic Interferometry with the Application of Imaging Laser Generated Lamb Waves.*

Barbara Anne Shaw, of Ridgewood, N.J., A.A. St. Petersburg Jr. College, 1977; B.S. Florida Atlantic University, 1980. Materials Science and Engineering. *Crevice Corrosion of a Ni-Cr Mo-Fe Alloy in Natural and Chlorinated Seawater.*

Xiaoli Sun, of Beijing, China; B.A. Taiyuan Institute of Technology, China, 1982; M.S.E. The Johns Hopkins University, 1985. Electrical and Computer Engineering. *Free-Space Direct-Detection Optical Communication with Semiconductor Laser Transmitters and Avalanche Photodiode Photodetectors.*

Galen Suppes, of Hays, Kan.; B.S. Kansas State University, 1985. Chemical Engineering. *Reaction Engineering in Supercritical Media–Catalytic and Noncatalytic Free Radical Reactions.*

John Michael Walsh, of Lexington, Mass.; B.S. University of Maine at Orono, 1978. Chemical Engineering. *The Statistical Thermodynamics of Complex Molecules.*

Tsau Yueh Wang, of Taipei, Taiwan, Republic of China; B.S. National Taiwan University, 1981; M.S.E. The Johns Hopkins University, 1987. Civil Engineering. *Load Path Dependence in Structural Frames Subjected to Fluctuating Forces.*

John Byington Whitcomb, of Woodside, Calif. Geography and Environmental Engineering. *A Daily Municipal Water-Use Model: Case Study Comparing West Los Angeles, California, and Fairfax County, Virginia.*

DOCTORS OF PHILOSOPHY
in The School of Arts and Sciences

Denise Annette Anderson, of Maynard, Minn.; B.A. University of Minnesota, 1983. Chemistry. *Zwitterion-Accelerated Sigmatropic Rearrangements and Preparation of Tertiary Allylic Nitro Compounds. Applications to Terpenoid Synthesis.*

Gilda E. Ballester, of Santurce, Puerto Rico; Bachillerato, University of Puerto Rico, 1980; M.A. The Johns Hopkins University, 1984. Physics and Astronomy. *Ultraviolet Observations of the Atmosphere of Io and the Plasma Torus.*

George Walter Bergantz, of Baltimore, Md.; B.S. University of Nevada, 1983; M.A. Georgia Institute of Technology, 1985. Earth and Planetary Sciences. *Convection and Solidification in Tall Magma Chambers.*

Susan Wentland Brobst, of Baltimore, Md.; B.S. Chestnut Hill College, 1983; M.A. The Johns Hopkins University, 1987. Chemistry. *Progress Towards the Elucidation of the Aflatoxin Biosynthetic Pathway.*

Amanda Milgram Burkhoff, of Baltimore, Md.; A.B. Barnard College, Columbia University, 1980. Biology. *DNA Bending: Hydroxyl Radical Cleavage Determines Local Structural Details at the Nucleotide Level.*

Trevor Graeme Burnard, of Kingston, Jamaica; M.A. The Johns Hopkins University, 1985. History. *A Colonial Elite: Wealthy Marylanders, 1691-1776.*

Reginald Dennin Butler, of Philadelphia, Pa.; B.A. Western Washington University, 1968; M.A. The Johns Hopkins University, 1982. History. *Evolution of a Rural Free Black Community: Goochland County, Virginia, 1728-1832.*

Kathleen Mary Canning, of Ann Arbor, Mich.; B.A. University of Oregon, 1977; M.A. The Johns Hopkins University, 1984. History. *Class, Gender, and Working-Class Politics: The Case of the German Textile Industry, 1890-1933.*

Myong-Hun Chang, of Baltimore, Md.; B.S. Cornell University, 1984; M.A. The Johns Hopkins University, 1987. Economics. *Product Differentiation and Collusive Behavior.*

Genesis Sy-Shyan Chen, of Pan Chiao City, Taiwan, Republic of China; B.B.A. National Taiwan University, 1980; M.A. The Johns Hopkins University, 1986. Political Science. *Ching and Tzu Shu, Classics and Non-Classics: The Search for a Paradigm in the History of Chinese Political Thought.*

Kee Nam Cheung, of Canton, China; B.S. Oregon State University, 1974; M.S., 1976; M.S. University of Wisconsin, Madison, 1980; M.A. The Johns Hopkins University, 1985. Economics. *Essays in Coordination Failures and Uncertainty in Economics.*

Yuan Jen Chiang, of Hsinchu, Taiwan, Republic of China; B.Sc. National Taiwan Normal University, 1979; M.A. The Johns Hopkins University, 1985. Mathematics. *Harmonic Maps of V-Manifolds.*

Lisa Beth Chichura, of New York, N.Y.; B.A. Smith College, 1981; M.A. The Johns Hopkins University, 1983. Physics and Astronomy. *A Muon Neutrino to Electron Neutrino Oscillation Search in the AGS Narrow Band Beam.*

Catherine Theisen Comey, of Alexandria, Va.; B.A. University of Virginia, 1982. Biology. *Specific Transcription of Human Long Repeated DNA Elements.*

David Alexander Content, of Washington, D.C.; B.A. Hamilton College, 1982; M.A. The Johns Hopkins University, 1984. Physics and Astronomy. *Impurity Profiles in the DIII-D Tokamak.*

Daniel Alan Crane, of Palo Alto, Calif.; B.A. University of California, Berkeley, 1981; M.A. The Johns Hopkins University, 1984. Physics and Astronomy. *Strange Meson Production and an Upper Limit on the Production of a Glueball Candidate in Electron-Positron Annihilation at 29 GeV.*

Douglas Lupton Crawford, of San Diego, Calif.; B.A. University of Washington, 1980. Biology. *Evolutionary and Physiological Adaptation Involving the Heart Type Lactate Dehydrogenase Locus, Ldh-B, in the Fish Fundulus Heteroclitus.*

Jennifer Louise Davis, of Oakland, Calif. Biology. *Genetic Regulation of Visna Virus: Studies of Viral Transcription and of a Viral Trans-Activating Protein.*

Robert Charles Davis, of San Diego, Calif.; B.A. Stanford University, 1980; M.A. The Johns Hopkins University, 1986. History. *The Social World of the Venetian Arsenalotti, 1621-1670.*

Susan Derwin, of Studio City, Calif.; A.B. Cornell University, 1981; M.A. The Johns Hopkins University, 1983. Humanities. *The Renunciation of Mimesis: Theory and Practice of the Novel.*

Ryan Edward Droste, of Baltimore, Md.; B.S. The College of Charleston, 1979; M.A. The Johns Hopkins University, 1982. Physics. *Statics and Dynamics of the Surface of an Epitaxial Iron Film.*

Kenneth Floyd Dymond, of Wilkes-Barre, Pa.; B.S. Florida Institute of Technology, 1979; M.A. The Johns Hopkins University, 1984. Physics and Astronomy. *Far-ultraviolet Spectroscopy of Comet Halley (1986 VI).*

Michael Charles Elia, of Brightwaters, N.Y.; B.A. Holy Cross College, 1980. Biology. *Non-Histone Protein-Nucleosome Interactions and the Modulation of Chromatin Structure.*

Peter David Fenves, of Champaign, Ill.; B.A. Wesleyan University, 1982. Humanities. *'A Peculiar Fate'-Kant and the Question of World History.*

John Harold Fournelle, of Baltimore, Md.; B.S. University of Maryland, 1983; M.A. The Johns Hopkins University, 1985. Earth & Planetary Sciences. *The Geology and Petrology of Shishaldin Volcano, Unimak Island, Aleutian Arc, Alaska.*

Gertrude Jacinta Fraser, of Jamaica, W.I.; B.A. Bryn Mawr College, 1980; M.A. The Johns Hopkins University, 1985. Anthropology. *Afro-American Midwives, Biomedicine and the State: An Ethnohistorical Account of Birth and Its Transformation in Rural Virginia.*

Paul Stang Furth, of Baltimore, Md.; B.S. Loyola College, 1982; M.A. The Johns Hopkins University, 1988. Chemistry. *Silicon-Directed Decarbonylations by Use of Ultraviolet Light, Electron Impact, and Chemical Reagents.*

John David Garrigus, of Jacksonville, Fla.; M.A. The Johns Hopkins University, 1985. History. *A Struggle for Respect: The Free Coloreds of Pre-Revolutionary Saint Domingue 1760-69.*

David Max Goloff, of Philadelphia, Pa.; B.S. University of Dayton, 1983; M.A. The Johns Hopkins University, 1988. Mathematics. *Controlling the Dimension of the Space of Rank-k Holomorphic Mappings between Compact and Complex Manifolds.*

Patricia Louise Gossel, of Inglewood, Calif.; B.A. Augustana College, 1965; M.S. Montana State College, 1975. History of Science. *The Emergence of American Bacteriology, 1875-1900.*

Terence Gerard Hamill, of Baltimore, Md.; B.S. University of Florida, 1978; M.A. The Johns Hopkins University, 1982. Chemistry. *Part I: An Asymmetric Total Synthesis of (-)-Beta-Vetivone via an enantiomerically pure vinylic sulfoxide. Part II: Multicomponent (1+2+n)-Annulation Reactions.*

Mark Thomas Harris, of Woodlands, Texas; B.S. University of Rochester, 1978; M.S. University of Wisconsin, 1982; M.A. The Johns Hopkins University, 1986. Earth and Planetary Sciences. *Margin and Foreslope Deposits of the Latemar Carbonate Buildup (Middle Triassic), The Dolomites, Northern Italy.*

Beth Jennifer Hoffman, of New Haven, Conn. Biology. *Molecular Pharmacology of Serotonin Receptors: Radioligand Development, Mechanisms of Signal Transduction, and Cloning of a Receptor Gene.*

Bonnie Helen Honig, of Montreal, Canada; B.A. Concordia University, 1980; M.S. University of London, 1981; M.A. The Johns Hopkins University, 1986. Political Science. *Virtue and Virtuosity: Politics in a Post-Kantian World.*

Liang-Kang Huang, of Hangzhou, China; M.A. The Johns Hopkins University, 1984. Physics and Astronomy. *Experimental Study of Atomic Processes in the TEXT Tokamak Plasma.*

Peter Kinnear Kafer, of Short Hills, N.J.; B.A. University of California, Berkeley, 1977; M.A. The Johns Hopkins University, 1981. History. *The Circuit of Truth: American Creative Imagination in the Age of Revolution, 1765-1828.*

Christine Wecker Kalkavage, of Annapolis, Md.; B.A. Pennsylvania State University, 1975. Classics. *The Past on Trial: The Plataean Episodes in Thucydides.*

Neil Duff Kamil, of Baltimore, Md.; A.B. Brandeis University, 1976; M.A. The Johns Hopkins University, 1980. History. *War, Natural Philosophy, and the Metaphysical Foundations of Artisanal Thought in an American Mid-Atlantic Colony: La Rochelle, New York City, and the Southwestern Huguenot Paradigm, 1517-1730.*

Zaven Kaprielian, Jr., of Boston, Mass.; B.S. Boston University, 1981. Biophysics. *Multiple Forms of the CA2+ ATPase in the Chicken.*

Eliot Franklin Krieger, of Laguna Beach, Calif.; B.A. University of California, Los Angeles, 1981; M.A. The Johns Hopkins University, 1986. Philosophy. *Flashes upon an Inward Eye: A Wittgensteinian Study of Mental Imagery.*

Candida Gould Lancaster, of Laurel, Md.; M.A. The Johns Hopkins University, 1980. French. *Francis Ponge, the Revolutionary Poet.*

Jessica Lane, of New York, N.Y.; B.A. Sarah Lawrence College, 1974; M.A. Columbia University, 1977; M.A. The Johns Hopkins University, 1981. English. *Nor a Complete Elucidation of Death: The Symbiotic Poetics of the Early Poetry of Ezra Pound.*

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Sy-Sang Liaw, of Kaohsiung, Taiwan, Republic of China; M.S. National Taiwan University, 1983; M.A. The Johns Hopkins University, 1984. Physics and Astronomy. *Energies and Transition Amplitudes for Atoms with Non-degenerate Cores, Plus or Minus Two Electrons.*

Stanley Irving Lippmann, of Brooklyn, N.Y.; M.A. The Johns Hopkins University, 1983. Physics and Astronomy. *Spectroscopic Study of the Edge Region of the TEXT Tokamak.*

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Joseph Paul Marino, of Providence, R.I.; B.A. Hampshire College, 1976; M.A. The Johns Hopkins University, 1983. Humanities. *Renaissance Ideas of Ambience and Practice of Letters: Studies in Continuity and Change in the Works and Careers of Francesco Petrarca, Giovanni Gherardi Da Prato, Baldassar Castiglione, and Sperone Speroni.*

Kevin Matthew McHugh, of Baltimore, Md.; B.S. University of Maryland, 1981. Chemistry. *Production and Photodetachment of Cluster Ions.*

Philip Andrew Molling, of Baltimore, Md.; B.S. Marietta College, 1975; M.S. Miami University, 1979; M.A. The Johns Hopkins University, 1988. Earth and Planetary Sciences. *Applications of the Reaction Progress Variable to Hydrothermal Alteration Associated with the Deposition of the Questa Molydenite Deposit, NM.*

Michael David Moon, of Blackwell, Okla.; B.A. Columbia University, 1979; M.A. The Johns Hopkins University, 1984. English. *Whitman in Revision: The Politics of Corporeality and Textuality in the First Four Editions of Leaves of Grass.*

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Brian Alan Mozer, of Gaithersburg, Md.; B.A. Wesleyan University, 1981. Biology. *Molecular Analysis of the Trithorax Locus, a Gene Involved in the Determination of Segment Identity in Drosophila.*

Rafael Angel Mozo, of Santiago, Chile; M.A. The Johns Hopkins University, 1986. Sociology. *The Chilean City System: 1830-1980.*

Theodore Joseph Mullmann, of Chalfont, Pa. Biophysics. *Studies on Muscle Capactin: Its Structure, Tissue Distribution, and Interactions with Actin and a 40,000 Dalton Protein in Myofibrils.*

William Maher Nelson, of Ft. Belvoir, Va.; B.S. University of North Carolina, Chapel Hill, 1976; M.A. Washington University, 1982; M.A. The Johns Hopkins University, 1985. Chemistry. *Part I. The Photophysics of Methoxyvinylprene (MVP). Part II. Dioxygenation of Activated and Unactivated Olefins.*

Jonathan A. Neuberger, of Washington, D.C.; B.S. Georgetown University, 1978; M.A. The Johns Hopkins University, 1985. Economics. *Capital Market Imperfections, Taxes, and the Investment and Borrowing Decisions of Corporations.*

Naoko Nishimura, of Tokyo, Japan; M.A. The Johns Hopkins University, 1985. Economics. *Studies in Uncertainty Economics: A Non-Expected Utility Approach.*

Patricia Diane Novak, of South Windsor, Conn.; B.A. University of Rochester, 1981. Biology. *Regulation of Hydrogenase in Bradyrhizobium japonicum: Molecular Organization of Genes Involved in Hydrogenase Activity and Functional Dependence on DNA Gyrase.*

Bruce Frederick O'Hara, of Novato, Calif. Biology. *Genetic Mapping and Developmental Analysis of Genes on Mouse Chromosome 16.*

Michael Ernest Ottlinger, of Boston, Mass.; B.S. University of Massachusetts, 1976. Biophysics. *Independent Effects of Clostridium Difficile Toxin B on Cytosolic Free Calcium and Cell Shape Change.*

Suzanne Claire Page, of Colne, England; B.A. Reed College, 1984; M.A. The Johns Hopkins University, 1986. Psychology. *The Perception of Pitch and Timbre by a Songbird (Sturnus vulgaris).*

Mark Edward Perry, of El Paso, Texas; M.A. The Johns Hopkins University, 1985. Physics and Astronomy. *A Spectroscopic Analysis of Density Controlled Impurity Behavior in the DIII-D tokamak During H Mode.*

Jo-Ann Theresa Pilardi, of Pittsburgh, Pa.; B.A. Duquesne University, 1963; M.A. Pennsylvania State University, 1968. Humanities. *Simone de Beauvoir's Notion of the Self: Philosophy Becomes Autobiography.*

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Diane O'Connor Salazar, of Mineola, N.Y.; B.S. University of Colorado, 1983; M.A. The Johns Hopkins University, 1986. Chemistry. *The Design, Synthesis and Study of Bridged Biferrocene and New Ferrocenophane Compounds and Their Mixed Valent Analogues.*

Haydee Salmun, of Buenos Aires, Argentina; M.S. University of Missouri, 1980; M.A. The Johns Hopkins University, 1986. Earth and Planetary Sciences. *Turbulent Boundary Mixing in a Stratified Fluid.*

Benigno Ramon Sanchez-Eppler, of Sancti Spiritus, Cuba; B.A. Williams College, 1979; M.Phil. University of Cambridge, 1983; M.A. The Johns Hopkins University, 1986. Hispanic and Italian Studies. *Periodical Salvation of Circumstance: Cruz y Raya, (Madrid, 1933-36), Origenes (La Habana, 1944-56), and the Formation of Intellectual Communities.*

Shiva Sayeg, of Tehran, Iran; B.A. Franklin and Marshall College, 1983; M.A. The Johns Hopkins University, 1986. Economics. *Determinants of Comparative Advantage in the International Trade of Services: A Case Study of the Freight and Insurance Industries.*

Diane Carol Shakes, of Menlo Park, Calif.; B.A. Pomona College, 1983. Biology. *A Genetic and Pharmacological Analysis of Spermatogenesis in the Nematode, Caenorhabditis elegans.*

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Thomas Dwayne Tillman, of Nashville, Tenn.; B.A. Vanderbilt University, 1981; M.A. The Johns Hopkins University, 1984. Political Science. *Veterans' Politics Revisited: Caring for the Older Veteran.*

Cynthia Jean Truelove, of Fayetteville, N.C.; B.A. Meredith College, 1978. Sociology. *Factories in the Fields of Plenty: Gender, Agrarian Transformation, and Industrial Restructuring in the Southwestern Regional Economy of Colombia.*

Li-huang Tu, of Shanghi, Peoples Republic of China; M.A. The Johns Hopkins University, 1985. Mathematics. *Asymptotic Hodge theory in several variables: the flat case.*

Betty Tuba Uzman, of Scranton, Ark.; A.B. Bryn Mawr College, 1977; M.A. The Johns Hopkins University, 1980. History. *Kinship, Friendship, and Gratitude: Nicolas Fouquet's Patronage Network, 1650-1661.*

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Robert Sergius Wagman, of Athens, Greece; Laurea in Lettere, Universita Degli Studi, Italy, 1983; M.A. The Johns Hopkins University, 1984. Classics. *Greek Poetry on Stone. A Study of the Epidaurian Hymns.*

William George Walker, of Toronto, Canada; B.A. University of Western Ontario, 1981; M.A., 1982; M.A. The Johns Hopkins University, 1985. English. *Locke, Literary History, Literary Theory.*

Margaret Frances Weidner, of Seattle, Wash.; A.A. Shoreline Community College, 1981; B.S. Seattle University, 1984; M.A. The Johns Hopkins University, 1988. Chemistry. *Correlation of Hydroxyl Radical Cleavage Rates with the Structure of DNA and Protein-DNA Complexes.*

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John Myles Wetzel, of Chesterhill, Ohio; B.S. Ohio University, 1982; M.A. The Johns Hopkins University, 1988. Chemistry. *Part I: Silicon-Promoted Ring Contractions in the Synthesis of Carbocyclic Spiro Compounds. Total Synthesis of (-)-Solavetivone. Part II: The Trimethylsilyl Cationic Species as a Bulky Proton. Application to Chemoselective Dioxolanation.*

Susan Adams White, of Princeton, N.J.; A.B. Dartmouth College, 1977; M.A. The Johns Hopkins University, 1984. Chemistry. *Single Base Bulges in Small RNA Hairpins Can Enhance Intercalation of Ethidium.*

Cynthia Gayle Wible, of Franklin, Pa.; M.A. The Johns Hopkins University, 1985. Psychology. *Hippocampal Function and Nonspatial Memory Tasks: Single Unit Recording and Lesion Analyses.*

Thomas Chauncy Willette, of Delavan, Minn.; B.A. University of Minnesota, 1980; M.A. The Johns Hopkins University, 1982. History of Art. *Massimo Stanzione and Bernardo de Dominici: The Life and Work of a Neapolitan Painter.*

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Edith Newton Wilson, of Macon, Ga.; A.B. Dartmouth College, 1982; M.A. The Johns Hopkins University, 1986. Earth and Planetary Sciences. *Dolomitization of the Triassic Latemar Buildup, Dolomites, Northern Italy.*

Myung-bae Yeom, of Pusan, Korea; B.A. Seoul University, 1979; M.A. The Johns Hopkins University, 1987. Economics. *Lifeline Policy Recommendations for Public Utility Pricing: Theory and Practice.*